ARCHIVES OF

SURGERY

VOLUME 88

JANUARY THROUGH JUNE, 1964

AMERICAN MEDICAL ASSOCIATION Publication

AUTHOR INDEX TO VOLUME 88

In this Index in alphabetical order are listed the names of authors of all articles. Full citation is given under main author only; reference is made from joint authors. Page numbers in the Index refer to boldface numbers in the text.

A

Adkins, P. C., and Izawa, E. M.: Resection of tracheal cylindroma using cardiopulmonary bypass, 405 (Mr)

Agostino, D., and Cliffton, E. E.: Anesthetic effect on pulmonary metastases in rats, 735 (My)

Alexich, A.: See Swan, H.

Allen, J. G., and Glotzer, D. J.: Acute disseminated intravascular coagulation and fibrinolysis, 694 (Ap)

Allen, T. H.: See McGoon, D. C.

Amer, N. L.: See Garzon, A. A.

Anderson, M. C.: See Geurkink, R. E.

Anderson, R. E.: See Diffenbaugh, W. G.

Andrew, J. H.; Dean, R. E.; and Read, R. C.: Renal damage from angiographic media, 812 (My)

Apostolou, D.: See Eiken, O.

B

Baffes, T. G.; Riker, W. L.; and DeBoer, A.: Open-heart surgery for infants and small children, 675 (Ap)

Baird, R. J., Miyagishima, R. T., and Labrosse, C. J.: Vasodilating action of intra-arterial oxygen emboli, 23 (Ja)

Baker, R. J.: See Freeark, R. J.

Ballantyne, A. J.: See Torti, R. A.

Bately, F.: Dilemma of cancer statistics, 163 (Fe)

Battersby, J. S., and Kilman, J. W.: Traumatic injuries of the tracheobronchial tree, 644 (Ap)

Baum, S.: See Nusbaum, M.

Beahrs, O. H.: See Manning, P. C.; Waugh, J. M.; Wychulis, A. R.

Beall, A. C.: See Harrington, O. B.

Beardsley, J. M.; Soderberg, C. H., and Smith, E. H.: Technique and management of temporary gastrostomy, 461 (Mr)

Beattie, W. G.: See Waddell, W. G.

Becker, A. B.: See Benjamin, H. B.

Beheshti, G. R., and Hafner, C. D.: Occlusion of the inferior vena cava above the renal veins, 299 (Fe)

Bekesi, J. G.: See Macbeth, R. A. L.

Benjamin, H. B.; Pawlowski, E., and Becker, A. B.: Collagen as temporary dressing and blood vessel replacement, 725 (My)

Bennett, J. E.: See Wilkins, R. H.

Bergan, J. J.; Kaupp, H. A.; and Trippel, O. H.: Critical evaluation of vena cava plication, 1016 (Je)
See Trippel, O. H.

Berkeley, R. G.: See Torti, R. A.

Berman, L. B.; Smith, L. L.; Chisholm, G. D., and Weston, R. E.: Mannitol and renal function in cardiovascular surgery, 239 (Fe)

Bernardo, P.: See Kennedy, J. H.

Bernatz, P. E.: See Wychulis, A. R.

Bernstein, A.: See Mittelpunkt, A. I.

Bigg, R. L.: Multiseptate gallbladder, 501 (Mr)

Black, B. M.; YaDeau, R. E., and Woolner, L. B.: Surgical treatment of thyroidal carcinomas, 610 (Ap)

Blaisdell, F. W., and Hall, A. D.: Atraumatic distal control in arterial anastomosis, 185 (Fe)

Blakemore, W. S.: See Nusbaum, M.

Block, G. E., and Lancaster, J. R.: Adenocarcinoma of the cardioesophageal junction, 852 (My)

Block, M. A.; Schuman, B. M.; Eyler, W. R.; Truant, J. P., and DuSault, L. A.: Surgery of liver abscesses, 602 (Ap)

Boeckman, C. R.: See Falor, W. H.

Bosher, L. H., and Edwards, J. F.: Automatic pressure-controlled coronary perfusion system, 752 (My)

Bossart, P. A., and Fitzpatrick, H. F.: Aneurysmal bone cyst of rib, 229 (Fe)
See Coletti, L.

Bortin, M. M.: See Pemberton, A. H.

Bradham, R. R.: Venous patency after thrombectomy, 16 (Ja)

Brasfield, R. D.: See Das Gupta, T. K.

Brittain, R. S.: See Marchioro, T. L.

Brown, E. O.: See Miller, J. M.

Bruns, D. L.: See Roe, B. B.

Brush, B. E.: See LoGrippo, G. A.

Bull, M. H.: See Greene, N. M.

Burdette, W. J.: See Stevens, L. E.

Byar, D.: See Fiddian, R. V.

Byrne, R. V.: Localized perforated diverticulitis, 552 (Ap)

C

Cachera, J. P.: See Schechter, D. C.

Cain, J. C.: See Ferris, D. O.

Camp, F. A.: See Schenk, W. G.

Canizaro, P. C.; Sawyer, R. B., and Switzer, W. E.: Blood loss during excision of third-degree burns, 800 (My)

Capos, N. J.: See Mittelpunkt, A. I.

Carey, L.: See Dawes, R. B.

Carrico, J.: See Shires, T.

Carroll, W. W.: See Kaupp, H. A.

Casten, D. F.: Esophageal hiatal hernia and gastric acid secretion, 255 (Fe)

Castleton, K. B.; Cloud, R. S., and Ward, J. R.: Anterior chest wall—superficial thrombophlebitis, 1010 (Je)

Charbonneau, T.: See Mulder, D. G.

Chardack, W. M.: See Schenk, W. G.

Cheney, F. W.; Rand, P. W., and Lincoln, J. R. Mannitol-induced diuresis, 197 (Fe)

Chisholm, G. D.: See Berman, L. B.

Choate, W. H.; Just-Viera, J. O., and Yeager, G. H.: Prevention of experimental peritoneal adhesions by dextran, 249 (Fe)

Cigtay, A. S.: See Teimourian, B.

Clark, R. L.: See Thompson, B. W.

Cliffton, E. E.: See Agostino, D.

Cloud, R. S.: See Castleton, K. B.

Coe, J. D.; McLaughlin, C. W., and Walker, E. Recurrent gastrointestinal bleeding after definitive gastric surgery, 888 (My)

Cohn, H. E., and Deardorff, C. L.: Volvulus of the stomach—complication of colostomy, 1013 (Je)

Coletti, L., and Bossart, P. A.: Intestinal obstruction during the early postoperative period, 774 (My)

Collins, R. E., and Douglass, F. M.: Small vein anastomosis with and without operative microscope, 740 (My)

Coln, D.: See Shires, T.

Cooley, D. A.; Hallman, G. L., and Henly, W. S.: Left ventricular aneurysm due to myocardial infarction, 114 (Ja)

Cooley, D. A.: See Hallman, G. L.

Crawford, R.: See Myers, Hu C.

Crystal, D. K.; Day, S. W.; Wagner, C. L.; Martinis, A. J.; Owen, J. J., and Walker, P. E.: A gravity-flow membrane oxygenator, 122 (Ja)

Cullen, D.: See Zuidema, G. D.

D

Dancer, J. T.; Hawley, W. D., and Duval, M. K.: Intrinsic contractile activity of the duodenum, 984 (Je)

Das Gupta, T. K., and Brasfield, R. D.: Metastatic melanoma of the gastrointestinal tract, 969 (Je)

Dawes, R. B.; Lepley, D.; Carey, L., and Ellison, E. H.: Heparin and low molecular weight dextran in thoracic aorta occlusion, 699 (Ap)

Day, S. W.: See Crystal, D. K.

Dean, R. E.: See Andrew, J. H.

Deardorff, C. L.: See Cohn, H. E.

De la Rosa, C.; Linares, C. A.; Woodward, E. R., and Dragstedt, L. R.: Experimental gastric ulcers produced by pyloric stenosis, 927 (Je)
See Linares, C. A.

DeBakey, M. E.: See Harrington, O. B.

DeBoer, A.: See Baffes, T. G.

Delin, N. A.: See Schenk, W. G.

DeMuth, W. E.: Zollinger-Ellison syndrome, 244 (Fe)

Derrick, J. R., and Russel, D.: Oxygen tensions in tissues, 1059 (Je)

DeRusso, F. J.: See Szilagyi, D. E.

Deterling, R. A.: See Eiken, O.

Devine, K. D.: See Manning, P. C.

DeWeese, M. S.: See Fry, W. J.
See Kraft, R. O.

Diethelm, A. G.: Sleisenger, M. H., and Nickel, W. F.: Primary resection in acute fulminating ulcerative colitis, 389 (Mr)

Diffenbaugh, W. G.; Strohl, E. L.; Anderson, R. E., and Woodward, N.: Papillary (villous) adenomas, 577 (Ap)

Dixon, J. A.; Nichols, R. L., and Hunter, D. C.: Strangulation obstruction of the intestine, 527 (Ap)

Douglass, F. M.: See Collins, R. E.

Dowdy, G. S., and Waldron, G. W.: Importance of coexistent factors in biliary tract surgery, 314 (Fe)

Dragstedt, C. A.: Salute to "et al", 905 (Je)

Dragstedt, L. R., and Lawson, L. J.: Measurement of fasting gastric secretion, 287 (Fe)
See De la Rosa, C.; Lawson, L. J.; Linares, C. A.

DuBost, C.: See Schechter, D. C.

Dunphy, J. E.: See Krippaehne, W. W.

DuSault, L. A.: See Block, M. A.

Duval, M. K:; See Dancer, J. T.

E

Edwards, E. A.: See Fiddian, R. V.

Edwards, J. F.: See Bosher, L. H.

Effler, D. B.; Groves, L. K., and Favaloro, R.: Aortic and mitral valve replacement, 145 (Ja)

Eigenbrodt, E. H.: See Mason, G. R.

Eiken, O.; Nabseth, D. C.; Mayer, R. F., and Deterling, R. A.: Limb replantation. I. The technique and immediate results, 38 (Ja); II. The pathophysiological effects, 54 (Ja)
Mayer, R. F.; Nabseth, D. C.; Apostolou, K.; and Deterling, R. A.: Limb replantation. III. Long-term evaluation, 66 (Ja)

Elliott, J. P.: See Szilagyi, D. E.

Ellison, E. H.: See Dawes, R. B.; Foley, J. J.

Engle, J., and Salmon, P. A.: Multiple choledochal cysts, 345 (Mr)

Ernst, C. B.: See Fry, W. J.

Evans, G.: See Inouye, W. Y.

Ewing, J. B.: See Waddell, W. G.

Eyler, W. R.: See Block, W. A.

F

Falor, W. H.; Kelly, T. R., and Boeckman,

Falletta, G. P.: Recommunication on repair of congenital tracheoesophageal fistula, 779 (My)

Falor, W. H.; Kelly, T. R., and Boeckman, C. R.: Bilateral thoracic duct cannulation, 787 (My)

Farrar, T.; Tosh, J., and Sanders, R. L.: Esophageal hiatus hernia, 846 (My)

Farringer, J. L., and Tarasidis, G.: Carcinoid tumors of the appendix, 354 (Mr)

Favaloro, R.: See Effler, D. B.

Ferris, D. O.; Thomford, N. R., and Cain, J. C.: Recurrent common bile duct stones, 486 (Mr)

Fiddian, R. V.; Byar, D., and Edwards, E. A.: Factors affecting flow through a stenosed vessel, 83 (Ja)

Finlayson, G., and Roth, H. P.: Acute abdominal emergencies in patients with cirrhosis, 947 (Je)

Fitzpatrick, H. F.: See Bossart, P. A.

Fletcher, W. S.: See Krippaehne, W. W.

Floyd, V. T.: See Poulos, E.

Flynn, T.: See Higgins, G. A.

Foley, J. J., and Ellison, E. H.: Infusion of pancreatic enzymes into biliary radicals of liver, 589 (Ap)

Foster, J. H.: See Winfrey, E. W.

Fredell, C. H.: Appendicitis in an infant due to an ingested foreign body, 209 (Fe)

Freeark, R. J.; Norcross, W. J.; Baker, R. J., and Strohl, E. L.: Mallory-Weiss syndrome, 882 (My)

Fry, W. J.; DeWeese, M. S.; Kraft, R. O., and Ernst, C. B.: Importance of porosity in arterial prostheses, 836 (My)

Fry, W. J.: See Kraft, R. O.

G

Gage, A. A.: See Schenk, W. G.

Garsenstein, M.: See Geurkink, R. E.

Garzon, A. A.; Amer, N. L., and Karlson, K. E.: Treatment of penetrating wounds of the chest, 397 (Mr)

Geurkink, R. E.; Garsenstein, M., and Anderson, M. C.: Isotopic identification of strangulation obstruction, 533 (Ap)

Gibson, J. M.: Gallstone ileus, 297 (Fe)

Gillespie, J.: See Higgins, G. A.

Glenn, F.: See MacFarlane, J. R.

Glotzer, D. J.: See Allen, J. G.

Gonzales, R. C.: See Mays, E. T.

Goddard, W. B.: Proposed glossary of cancer [corres.], 326 (Fe)

Gorman, J. F.; Navarre, J. R., and McLean, H.: Subclavian steal syndrome, 350 (Mr)

Greene, N. M., and Bull, M. H.: Oxygen tension monitoring during clinical anesthesia, 225 (Fe)

Grillo, H. C.: Derivation of fibroblasts in the healing wound, 218 (Fe)

Gristina, A. G., and Wilson, P. D.: Popliteal cysts in adults and children, 357 (Mr)

Groves, L. K.: See Effler, D. B.

Gude, H. E.: Surgery in the small community hospital, 906 (Je)

H

Hafner, C. D.: See Behesti, G. R.

Haimovici, H.: See Maier, N.

Hall, A. D.: See Blaisdell, F. W.

Hallman, G. L., and Cooley, D. A.: Congenital aortic vascular ring, 666 (Ap)

See Cooley, D. A.

Halasz, N. A.: Vertical vs horizontal laparotomies, 911 (Je)

Hanlon, C. R.: Presidential address, 1 (Ja)

Hardin, C. A.: See Hendren, T. H.; Vancil, M. E.

Harrington, O. B.; Beall, A. C.; Noon, G., and DeBakey, M. E.: Intravenous cholangiography in acute cholecystitis, 585 (Ap)

Harris, M. N.: Massive gastrointestinal hemorrhage, 1049 (Je)

Hawley, W. D.: See Dancer, J. T.

Hayashi, M.: See Inada, K.

Hayes, D. M.; Wilkins, F. B., and Meredith, J. H.: Regional arterial infusion for localized malignancies, 1070 (Je)

Hedges, R. C.: See Nusbaum, M.

Hendren, T. H., and Hardin, C. A.: Low molecular dextran effect on temporary renal ischemia, 206 (Fe)

Hendrick, J. W.: Malignant tumors of cecum and right colon, 954 (Je)

Treatment of volvulus of the cecum and right colon, 364 (Mr)

Henley, F. A.: See Newcombe, J. F.

Henly, W. S.: See Cooley, D. A.

Hepps, S. A.: See Roe, B. B.

Herendeen, T.; Judd, D., and Siderys, H.: Ligation of the suprarenal vena cava in dogs, 1045 (Je)

Herman, B. E.: Complications of retrograde femoral artery catheterization, 374 (Mr)

Hermann, G.: See Marchioro, T. L.

Hermann, R. E., and Hubay, C. A.: Perforating injury of the small intestine, 290 (Fe)

Hewitt, R. L.; Wren, H. B., and Krementz, E. T.: Recent trends in tetanus, 768 (My)

Hickey, R. C.: See Jesse, R. H.

Higgins, G. A.; Flynn, T., and Gillespie, J.: Effect of splenectomy on tolerance to Thio-Tepa, 627 (Ap)

Hill, J. T.; Snyder, W. H., and Pollock, W. F.: Uncomplicated meconium ileus, 522 (Ap)

Hishida, Y.: See Maier, N.

Holmes, J.: See Marchioro, T. L.

Hoopes, J. E., and Webb, W. R.: Siliconized synthetic grafts, 421 (Mr)

Hopkins, R. W.: See Kennedy, J. H.

Hubay, C. A.: See Hermann, R. E.

Hunter, D. C.: See Dixon, J. A.

I

Ibach, J. R.: Carcinoma of the ovary metastatic to breast, 410 (Mr)

Inada, K.; Hayashi, M., and Okatani, T.: Chronic occlusive arterial disease of lower extremity in Japan, 454 (Mr)

Shimizu, H.; Morimoto, S., and Shigemoto, S.: Effect of fibrinolysis on synthetic vascular prosthesis, 376 (Mr)

Inouye, W. Y., and Evans, G.: Neonatal gastric perforation, 471 (Mr)

Isaac, E.: See Person, D. A.

Izawa, E. M.: See Adkins, P. C.

J

Jackson, L. M.: See Killen, D. A.

Jesse, R. H.; Villarreal, R.; Letayf, V.; Rufino, C., and Hickey, R. C.: Intra-arterial infusion for head and neck cancer, 618 (Ap)

Johnston, G. S.: See Pearson, W. T.

Johnston, R. H.; Quast, D. C., and Jordan, G. L.: Hemigastrectomy and vagotomy for duodenal ulcer, 860 (My)

Jordan, G. L.: Gastroenteric cutaneous fistula, 540 (Ap)
See Johnston, R. H.

Judd, D.: See Herendeen, T.

Just-Viera, J. O.: See Choate, W. H.

K

Kaiser, G. C.: See King, R. D.

Karlson, K. E.: See Garzon, A. A.

Katsumura, T.: See Stahl, W. M.

Kaupp, H. A.; Carroll, W. W., and Shields, T. W.: Leiomyomas of the gastrointestinal tract, 892 (My)
See Bergan, J. J.; Wetzel, N.

Kelly, T. R.: See Falor, W. H.

Kennedy, B. J.: Role of castration in breast cancer, 743 (My)

Kennedy, J. H.; Sabga, G. A.; Hopkins, R. W.; Penn, I.; Bernardo, P., and Simeone, F. A..: Urine volume and osmolality, 155 (Ja)

Khanna, S. D.; Manchanda, R. L.; Saigal, R. K., and Rathee, A. S.: Hemangioendothelioma (angiosarcoma) of the breast, 807 (My)

Killen, D. A., and Jackson, L. M.: Sacrococcygeal teratoma in the adult, 425 (Mr)

Kilman, J. W.: See Battersby, J. S.

King, R. D.; Kaiser, G. C.; Lempke, R. E., and Schumacker, H. B.: Evaluation of lumbar sympathetic denervation, 36 (Ja)

Kirsh, M. M.: See Zuidema, G. D.

Kozoll, D. D., and Meyer, K. A.: Obstructing gastroduodenal ulcers, 793 (My)

Kraft, R. O.; Fry, W. J., and DeWeese, M. S.: Postvagotomy gastric atony, 865 (My)

Kraft, R. O.: See Fry, W. J.

Krementz, E. T.: See Hewitt, R. L.

Krippaehne, W. W.; Fletcher, W. S., Dunphy, J. E.: Acute perforation of duodenal and gastric ulcer, 874 (My)

L

Labrosse, C. J.: See Baird, R. J.

Lancaster, J. R.: See Block, G. E.

Larson, R. E., and McGoon, D. C.: Total prosthetic replacement of aortic valve in calves, 135 (Ja)

Laufman, H.; Nora, P. F., and Mittelpunkt, A. I.: Mesenteric blood vessels: advances in surgery and physiology, 1021 (Je)

Lawrence, G. H.: Bronchial closure following pulmonary resection, 654 (Ap)

Lawson, L. J., and Dragstedt, L. R.: Pyloric effects on gastric secretion and emptying, 1052 (Je)
See Dragstedt, L. R.: Lulu, D. J.

Leach, R. E.; Zohn, D. A., and Stryker, W. S.: Anterior tibial compartment syndrome, 187 (Fe)

Lee, R. E.: See Watson, J. R.

Lempke, R. E.: See King, R. D.

Lepley, D.: See Dawes, R. B.

Letayf, V.: See Jesse, R. H.

Levy, G.: See Nelson, E.

Lightfoot, S.: See Shires, T.

Linares, C. A.; de la Rosa, C.; Woodward, E. R., and Dragstedt, L. R.: Experimental gastric ulcer, 932 (Je)
See De la Rosa, C.

Lincoln, J. R.: See Cheney, F. W.

Linder, E.; Sakai, Y., and Paton, B. P.: Electrolyte changes during dilution perfusion, 175 (Fe)

Lipin, R. J.: See Thompson, B. W.

Lister, J.: See Swan, H.

LoGrippo, G. A.; Wolfram, B. R., and Brush, B. E.: Propiolactone plus ultra violet-treated plasma without hepatitis, 721 (Ap)

Lulu, D. J., and Lawson, L. J.: Carcinoma of the lung, 213 (Fe)

M

Macbeth, R. A. L., and Bekesi, J. G.: Plasma glycoproteins in malignant disease, 633 (Ap)

McDonald, J. C.: Strangulated esophageal hiatus hernia, 750 (My)

McDonald, K. E.: See Schenk, W. G.

MacFarlane, J. R., and Glenn, F.: Disappearance of demonstrated gallstones, 1003 (Je)

McGoon, D. C.; Allen, T. H., and Moffitt, E. A.: Decreased mortality rate in open-heart surgery, 681 (Ap)
See Larson, R. E.

McLaughlin, C. W.: See Coe, J. D.

McLean, H.: See Gorman, J. F.

Maier, N.; Noorani, M.; Hishida, Y., and Haimovici, H.: Experimental renal-artery stenosis, 91 (Ja)

Mainzer, R. A., and Simoes, A.: Primary idiopathic torsion of the omentum, 974 (Je)

Maki, T.; Sato, T.; Yamaguchi, I., and Sato, T.: Treatment of intrahepatic gallstones, 260 (Fe)

Manchanda, R. L.: See Khanna, S. D.

Manning, P. C., and Pratt, J. H.: Fecal incontinence caused by lacerations of perineum, 569 (Ap)
Beahrs, O. H., and Devine, K. D.: Pharyngoesophagoplasty: interposition of right colon, 939 (Je)

Marchioro, T. L.; Brittain, R. S.; Hermann, G.; Holmes, J.; Waddell, W. R., and Starzi, T. E.: Use of living donors for renal homotransplantation, 711 (Ap)
See Swan, H.

Marin, H. M.: Hemostatic mechanism in extracorporeal circulation, 988 (Je)

Mark, J. B. D., and Melnick, G. S.: Diverticulosis of the gallbladder, 498 (Mr)

Martin, H.: Proposed glossary of cancer [corres.], 326 (Fe)

Martinis, A. J.: See Crystal, D. K.

Marshall, W. H., and Fahey, P. J.: Operative complications and mortality in patients over 80 years of age, 896 (My)

Marx, F. W.: Incidental appendectomy with regional enteritis, 546 (Ap)

Mason, G. R.; Eigenbrodt, E. H.: Oberhelman, H. A., and Nelsen, T. S.: Ethionine-induced alteration in gastric secretion, 1063 (Je)

Mayer, R. F.: See Eiken, O.

Mayo, C. W.: Parodox of the well-intentioned enemies of medical research, 511 (Ap)

Mays, E. T., and Gonzales, R. C.: Azygography, 233 (Fe)

Meier, A. L., and Waibel, P.: Mesenteric artery occlusion with intestinal gangrene, 181 (Fe)

Melhem, R. E.: See Slim, M. S.

Melnick, G. S.: See Mark, J. B. D.

Meredith, J. H.: See Hayes, D. M.

Meyer, K. A.: See Kozoll, D. D.

Miethke, J.: See Mulder, D. G.

Miller, J. M.; Zoll, D. R., and Brown, E. O.: Clinical observations, 167 (Fe)

Minster, J. J.: Comparison of anesthetic methods in elective surgery, 728 (My)

Mittelpunkt, A. I.; Capos, N. J., and Bernstein, A.: Benign leiomyomas of the duodenum, 308 (Fe)
See Laufman, H.

Miyagishima, R. T.: See Baird, R. J.

Moffitt, E. A.: See McGoon, D. C.

Morimoto, S.: See Inada, K.

Mulder, D. G.; Miethke, J., and Charbonneau, T.: Atrial graft for right ventricular outflow tract roof, 193 (Fe)

Murphy, G. P.: See Pearson, W. T.

Myers, Hu C.; Myers, R. L., and Crawford, R.: Instant polymerization of plastic monomer for tissue repair, 747 (My)

Myers, R. L.: See Myers, Hu C.

N

Nabseth, D. C.: See Eiken, O.

Nagler, W., and Watne, A. L.: Intestinal biopsy capsule as a diagnostic aid, 415 (Mr)

Navarre, J. R.: See Gorman, J. F.

Narodick, B. G.: Pemberton, A. H.

Nelsen, T. S.: See Mason, G. R.

Nelson, E.: and Levy, G.: Precautions indicated with cholecystographic agents, 921 (Je)

Newcombe, J. F., and Henley, F. A.: Left-sided gallbladder, 494 (Mr)

Nichols, R. L.: See Dixon, J. A.

Nicholson, C. H.: Surgical adjunct in the treatment of intestinal atresia, 324 (Fe)

Nickel, W. F.: See Diethelm, A. G.

Noon, G.: See Harrington, O. B.

Noorani, M.: See Maier, N.

Nora, P. F.: See Laufman, H.

Norcross, W. J.: See Freeark, R. J.

Nusbaum, M.; Baum, S.; Hedges, R. C., and Blakemore, W. S.: Roentgenographic and direct visualization of thoracic duct, 105 (Ja)

O

Oberhelman, H. A.: See Mason, G. R.

Ockuly, E. A.: See Pribe, W. A.

O'Conor, V. J.: See Trippel, O. H.

Okatani, T.: See Inada, K.

Owen, J. J.: See Crystal, D. K.

P

Parrott, J. C.: Subclavian steal syndrome, 661 (Ap)

Paton, B. P.: See Linder, E.

Patton, B. D.: See Swan, H.

Pawlowski, E.: See Benjamin, H. B.

Pearson, W. T.; Johnston, G. S., and Murphy, G. P.: Hemodynamic changes from low molecular weight dextran, 999 (Je)

Peck, D. A.: See Waugh, J. M.

Pecora, D. V.: Epithelial stitch [corres.], 326 (Fe)

Pemberton, A. H.; Bortin, M. M., and Narodick, B. G.: Automatic blood level control for disc oxygenator, 419 (Mr)

Penn, I.: See Kennedy, J. H.

Person, D. A.; Sargent, T., and Isaac E.: Thorotrast-induced carcinoma of the liver, 503 (Mr)

Piwnica, A.: See Schechter, D. C.

Plous, E. I.: Use of hyaluronidase in surgical dissection, 445 (Mr)

Pollock, L.: See Schenk, W. G.

Pollock, W. F.: See Hill, J. T.

Poulos, E.; Wilkinson, L. H.; Simms, A. G., and Floyd, V. T.: Traumatic hemobilia treated by massive liver resection, 596 (Ap)

Pratt, J. H.: See Manning, P. C.

Pribe, W. A., and Ockuly, E. A.: An unusual case of serious Foley catheter failure, 295 (Fe)

Prudhomme, P.: See Waddell, W. G.

Q

Quast, D. C.: See Johnston, R. H.

R

Radman, H. M.: Pregnancy complicated by nonobstetric surgical disease, 279 (Fe)

Ram, J. D.: See Waddell, W. G.

Rand, P. W.: See Cheney, F. W.

Rathee, A. S.: See Khanna, S. D.

Read, R. C.: See Andrew, J. H.

Riker, W. L.: See Baffes, T. G.

Roe, B. B.; Swenson, E. E.; Hepps, S. A., and Bruns, D. L.: Total body perfusion in cardiac operations, 128 (Ja)

Roth, H. P.: See Finlayson, G.

Rufino, C.: See Jesse, R. H.

Russell, D.: See Derrick, J. R.

S

Sabga, G. A.: See Kennedy, J. H.

Saigal, R. K.: See Khanna, S. D.

Sakai, Y.: See Linder, E.

Salmon, P. A.: See Engle, J.

Sanders, R. L.: See Farrar, T.

Sargent, T.: See Person, D. A.

Sato, T.: See Maki, T.

Sauer, W. G.: See Waugh, J. M.

Sawyer, R. B.: See Canizaro, P. C.

Schechter, D. C.; Cachera, J. P.; Piwnica, A., and DuBost, C.: Experiences with a method of coronary arteriotomy and repair, 434 (Mr)

Schenk, W. G.; Delin, N. A.; Camp, F. A.; McDonald, K. E.; Pollock, L.; Gage, A. A., and Chardack, W. M.: Assisted circulation, 327 (Mr)

Schumacker, H. B.: See King, R. D.

Schuman, B. M.: See Block, M. A.

Sherman, B.: See Zuidema, G. D.

Shields, T. W.: See Kaupp, H. A.

Shigemoto, S.: See Inada, K.

Shimizu, H.: See Inada, K.

Shires, T.; Coln, D.; Carrico, J., and Lightfoot, S.: Fluid therapy in hemorrhagic shock, 688 (Ap)

Siderys, H.: See Herendeen, T.

Simeone, F. A.: See Kennedy, J. H.

Simms, A. G.: See Poulos, E.

Simoes, A.: See Mainzer, R. A.

Simon, N. M.: See Trippel, O. H.

Sleisenger, M. H.: See Diethelm, A. G.

Slim, M. S., and Melhem, R. E.: Congenital pulmonary air cysts, 923 (Je)

Smith, E. H.: See Beardsley, J. M.

Smith, L. L.: See Berman, L. B.

Smith, R. F.: See Whitney, D. G.

Smith, R. S.: Management of abdominal incisions, 515 (Ap); correction, 1076 (Je)

Smyth, N. P. D.: See Teimourian, B.

Snyder, W. H.: See Hill, J. T.

Soderberg, C. H.: See Beardsley, J. M.

Sperling, M. J.: Absence of the cystic duct, 1077 (Je)

Stahl, W. M., and Katsumura, T.: Reconstruction of small arteries, 384 (Mr)

Starzi, T. E.: See Marchioro, T. L.

Stevens, L. E., and Burdette, W. J.: Enzymatic levels in pulmonary infarction, 705 (Ap)

Strohl, E. L.: See Diffenbaugh, W. G.; Freeark, R. J.

Stryker, W. S.: See Leach, R. E.

Swenson, E. E.: See Roe, B. B.

Swan, H.: Preparations for cardiac arrest, 1079 (Je)
Alexich, A.; Lister, J.; Marchioro, T., and Patton, B. D.: Effects of season on death due to hemorrhage, 448 (Mr)

Switzer, W. E.: See Canizaro, P. C.

Szilagyi, D. E.; DeRusso, F. J., and Elliott, J. P.: Thromboangiitis obliterans, 821 (My)
See Whitney, D. G.

T

Tarasidis, G.: See Farringer, J. L.

Teimourian, B.; Cigtay, A. S., and Smyth, N. P. D.: Management of ingested foreign bodies in the psychotic patient, 915 (Je)

Thomford, N. R.: See Ferris, D. O.

Thompson, B. W.; Lipin, R. J., and Clark, R. L.: Propylthiouracil in acute hemorrhagic pancreatitis, 966 (Je)

Torti, R. A.; Ballantyne, A. J., and Berkeley, R. G.: Sudden blindness after simultaneous bilateral radical neck dissection, 271 (Fe)

Tosh, J.: See Farrar, T.

Trippel, O. H.; Bergan, J. J.; Simon, N. M., and O'Conor, V. J.: Bilateral simultaneous renal endarterectomy, 818 (My)

Trippel, O. H.: See Bergan, J. J.; Wetzel, N.

Truant, J. P.: See Block, M. A.

Tuncbay, E.: See Wetzel, N.

V

Vancil, M. E., and Hardin, C. A.: Heterologous parabiosis, 452 (Mr)

Villarreal, R.: See Jesse, R. H.

Vogelfanger, I. J.: See Waddell, W. G.

W

Waddell, W. G.; Vogelfanger, I. J.; Prudhomme, P.; Ram, J. D.; Beattie, W. G., and Ewing, J. B.: Venous valve transplantation, 5 (Ja)

Waddell, W. R.: See Marchioro, T. L.

Wagner, C. L.: See Crystal, D. K.

Waibel, P.: See Meier, A. L.

Waldron, G. W.: See Dowdy, G. S.

Walker, E.: See Coe, J. D.

Walker, P. E.: See Crystal, D. K.

Ward, J. R.: See Castleton, K. B.

Watne, A. L.: See Nagler, W.

Watson, J. R., and Lee, R. E.: Accessory lobe of the liver with infarction, 490 (Mr)

Waugh, J. M.; Peck, D. A.; Beahrs, O. H., and Sauer, W. G.: Surgical management of chronic ulcerative colitis, 556 (Ap)

Webb, W. R.: See Hoopes, J. E.

Wertlake, P. T.: See Wilkins, R. H.

West, J. T.: See Wilkins, R. H.

Weston, R. E.: See Berman, L. B.

Wetzel, N.; Tuncbay, E.; Kaupp, H. A., and Trippel, O. H.: Stenotic lesions of external carotid artery, 842 (My)

Whitcomb, J. G.: Duodenal diverticulum, 275 (Fe)

Whitney, D. G.; Smith, R. F., and Szilagyi, D. E.: Meaning of five-year cure in cancer of the breast, 637 (Ap)

Wilkins, F. B.: See Hayes, D. M.

Wilkins, R. H.; Bennett, J. E.; Wertlake, P. T., and West, J. T.: Mesenchymoma and visceral cryptococcosis, 761 (My)

Wilkinson, L. H.: See Poulos, E.

Wilson, P. D.: See Gristina, A. G.

Winfrey, E. W., and Foster, J. H.: Low molecular weight dextran in small artery surgery, 78 (Ja)

Wolfram, B. R.: See LoGrippo, G. A.

Woodward, E. R.: See De la Rosa, C.; Linares,, C. A.

Woodward, N.: See Diffenbaugh, W. G.

Woolner, L. B.: See Black, B. M.

Wren, H. B.: See Hewitt, R. L.

Wychulis, A. R.; Beahrs, O. H., and Bernatz, P. E.: Aneurysm of internal carotid artery, 803 (My)

Y

YaDeau, R. E.: See Black, B. M.

Yamaguchi, I.: See Maki, T.

Yeager, G. H.: See Choate, W. H.

Z

Zohn, D. A.: See Leach, R. E.

Zoll, D. R.: See Miller, J. M.

Zuidema, G. D.; Sherman, B.; Cullen, D., and Kirsh, M. M.: Effect of urease inhibition on ammonia intoxication in dogs, 303 (Fe)

SUBJECT INDEX TO VOLUME 88

The following Index is an alphabetical list of significant subjects presented in this volume. Page numbers refer to bold face numbers at the top of the page. Books reviewed are listed alphabetically by main author under the heading "BOOKS."

A

Abdomen, Acute
emergencies in patients with cirrhosis, causes [Finlayson], 947 (Je)

Abdominal Incisions: See Laparotomy

Abdominal Injuries
perforating injury of small intestine [Hermann], 290 (Fe)

Acute Renal Failure
mannitol and renal function in cardiovascular surgery [Berman], 239 (Fe)

Adenocarcima
of cardioesophageal junction [Block], 852 (My)

Adenoma
papillary (villous) of rectum and colon with electrolyte imbalance [Diffenbaugh], 577 (Ap)

Adenomatosis, Polyendocrine: See Zollinger-Ellison Syndrome

Adhesions
peritoneal, experimental, prevention by dextran [Choate], 249 [Fe)

Ammonia
intoxication in dogs, effect of urease inhibition [Zuidema], 303 (Fe)

Anesthesia
effect on pulmonary metastases Walker 256 carcinosarcoma in rats [Agostino], 735 (My)
oxygen tension monitoring during [Greene], 225 (Fe)

Aneurysm
dissecting, of femoral artery, complication of catheterization [Herman], 374 (Mr)
internal carotid artery, treatment [Wychulis], 803 (My)
left ventricular, due to myocardial infarction, aneurysmectomy [Cooley], 114 (Ja)

Angiography
complication, dissecting aneurysm of femoral artery [Herman], 374 (Mr)
renal damage from angiographic media, role of vascular obstruction [Andrew], 812 (My)

Angiosarcoma: See Hemangioendothelioma

Animals, Laboratory
paradox of the well-intentioned enemies of medical research [Mayo], 511 (Ap)

Anuria
urine volume and osmolality in surgery, with and without extracorporeal circulation [Kennedy], 155 (Ja)

Aorta, Abdominal
prostheses, importance of porosity [Fry], 836 (My)

Aorta, Thoracic
congenital aortic vascular ring, surgical considerations [Hallman], 666 (Ap)
heparin and low molecular weight dextran in occlusion, effect on sequelae [Dawes], 699 (Ap)

Aortic Valve
and mitral valve replacement with Starr-Edwards prostheses [Effler], 145 (Ja)
total prosthetic replacement, in calves [Larson], 135 (Ja)

Appendectomy
incidental, with regional enteritis, advisability [Marx], 546 (Ap)

Appendiceal Neoplasms
carcinoid tumors [Farringer], 354 (Mr)

Appendicitis
in infant due to ingested foreign body, review appendicitis small hospital [Fredell], 209 (Fe)

Arteries: See also Vascular Surgery
intra-arterial injection oxygen, vasodilating action [Baird], 23 (Ja)

Arteriosclerosis Obliterans
chronic occlusive arterial disease of lower extremity in Japan [Inada], 454 (Mr)
lumbar sympathetic denervation, evaluation [King], 36 (Ja)

Authorship
salute to "et al" [Dragstedt], 905 (Je)

Azygos Vein
azygography [Mays], 233 (Fe)
utilization of pericardial vascular reinforcement in bronchial closure following pulmonary resection [Lawrence], 654 (Ap)

B

Basilar Artery
subclavian steal syndrome [Gorman], 350 (Mr)

Bile Ducts
infusion pancreatic enzymes into biliary radicals of liver, study of influence [Foley], 589 (Ap)
traumatic hemobilia treated by massive liver resection [Poulos], 596 (Ap)

Biliary Calculi: See Cholelithiasis

Biliary Tract
surgery, importance coexistent factors, analysis 2,285 operations [Dowdy], 314 (Fe)

Biopsy
intestinal biopsy capsule as diagnostic aid, case of malabsorption syndrome [Nagler], 415 (Mr)

Blindness
sudden, after simultaneous bilateral radical neck dissection, case [Torti], 271 (Fe)

Blood
enzymatic levels in pulmonary infarction [Stevens], 705 (Ap)
loss during excision third-degree burns [Canizaro], 800 (My)

Blood Circulation
hemodynamic changes from low molecular weight dextran [Pearson], 999 (Je)

Blood Coagulation
acute disseminated intravascular coagulation and fibrinolysis [Allen], 694 (Ap)

Blood Flow Velocity
through stenosed vessel, factors affecting, experimental [Fiddian], 83 (Ja)

Blood Plasma: See Plasma

Blood Proteins
plasma glycoproteins in malignant disease [Macbeth], 633 (Ap)

Blood Vessels
collagen as substitute for [Benjamin], 725 (My)

Body Fluids
fluid therapy in hemorrhagic shock [Shires], 688 (Ap)

Bone Neoplasms
aneurysmal bone cyst of rib [Bossart], 229 (Fe)

Breast Diseases
superficial thrombophlebitis, Mondor's disease [Castleton], 1010 (Je)

Breast Neoplasms
carcinoma, metastatic from ovary, case and review literature [Ibach], 410 (Mr)
castration in [Kennedy], 743 (My)
hemangioendothelioma (angiosarcoma) [Khanna], 807 (My)
meaning of five-year cure [Whitney], 637 (Ap)

Bronchi
closure following pulmonary resections, utilization of pericardial vascular reinforcement [Lawrence], 654 (Ap)
traumatic injuries of the tracheobronchial tree [Battersby], 644 (Ap)

Burns
collagen as temporary dressing [Benjamin], 725 (My)
third-degree, blood loss during excision [Canizaro], 800 (My)

C

Carcinoid
of appendix [Farringer], 354 (Mr)

Carcinoma
hepatic duct, case with left-sided gallbladder [Newcombe], 494 (Mr)
liver, thorotrast-induced, case [Person], 503 (Mr)
lung, review of 321 cases [Lulu], 213 (Fe)
thyroidal, surgical treatment, study 885 cases [Black], 610 (Ap)

Carcinoma 256, Walker
anesthetic effect on pulmonary metastases in rats [Agostino], 735 (My)

Cardia
adenocarcinoma of the cardioesophageal junction [Block], 852 (My)
Mallory-Weiss syndrome, increasing surgical significance [Freeark], 882 (My)

Cardiac Arrest: See Heart Arrest

Cardiopulmonary Bypass
assisted circulation, experimental evaluation counterpulsation and left ventricular bypass [Schenk], 327 (Mr)
automatic blood level control for disc oxygenator [Pemberton], 419 (Mr)
electrolyte changes during dilution perfusion [Linder], 175 (Fe)
gravity-flow membrane oxygenator [Crystal], 122 (Ja)
hemostatic mechanism in extracorporeal circulation [Marin], 988 (Je)
in resection tracheal cylindroma [Adkins], 405 (Mr)
open-heart surgery for infants and small children, mortality and morbidity [Baffes], 675 (Ap)
total body perfusion with balanced electrolytes and dextran in cardiac surgery [Roe], 128 (Ja)
urine volume and osmolality in patients undergoing surgery [Kennedy], 155 (Ja)

Cardiovascular Surgery
mannitol and renal function in [Berman], 239 (Fe)

Carotid Arteries
external, stenotic lesions, cause of bruit in neck [Wetzel], 842 (My)
internal, aneurysm, excision and anastomosis to external carotid artery [Wychulis], 803 (My)

Castration
in breast cancer [Kennedy], 743 (My)

Catheter
in arterial anastomosis for atraumatic distal control [Blaisdell], 185 (Fe)
serious Foley catheter failure, unusual case [Pribe], 295 (Fe)

Cecal Neoplasms
malignant, definitive diagnosis and treatment [Hendrick], 954 (Je)

Cecum
volvulus, cases [Hendrick], 364 (Mr)

Chlormerodrin: See Diuretics, Mercurial

Cholangiography
intravenous in acute cholecystitis, use in differential diagnosis [Harrington], 585 (Ap)

Cholecystitis
acute, use of intravenous cholangiography in differential diagnosis [Harrington], 585 (Ap)

Cholecystography
precautions indicated with cholecystographic agents [Nelson], 921 (Je)

Cholelithiasis
disappearance of demonstrated gallstones [MacFarlane], 1003 (Je)
gallstone ileus [Gibson], 297 (Fe)
intrahepatic gallstones, treatment [Maki], 260 (Fe)

Chylothorax
bilateral thoracic duct cannulation, associated complications [Falor], 787 (My)

Colitis, Ulcerative
acute fulminating, primary resection in [Diethelm], 389 (Mr)
chronic, surgical management [Waugh], 556 (Ap)

Collagen
as temporary dressing and blood vessel replacement [Benjamin], 725 (My)
extruded, sutures, clinical observations [Miller], 167 (Fe)

Colon
interposition of right colon in pharyngoesophagoplasty [Manning], 939 (Je)
volvulus, cases [Hendrick], 364 (Mr)

Colonic Neoplasms
malignant, definitive diagnosis and treatment [Hendrick], 954 (Je)
papillary (villous) adenomas with electrolyte imbalance [Diffenbaugh], 577 (Ap)

Colostomy
volvulus of stomach, complication [Cohn], 1013 (Je)

Common Bile Duct
multiple choledochal cysts, case [Engle], 345 (Mr)
recurrent stones [Ferris], 486 (Mr)

Contrast Media
precautions indicated with cholecystographic agents [Nelson], 921 (Je)
renal damage from, role of vascular obstruction [Andrew], 812 (My)

Coronary Vessels
automatic pressure-controlled coronary perfusion system [Bosher], 752 (My)
coronary arteriotomy and repair, experiences [Schechter], 434 (Mr)

Cryptococcosis
visceral and mesenchymoma, case [Wilkins], 761 (My)

Cylindroma
tracheal, resection using cardiopulmonary bypass [Adkins], 405 (Mr)

Cystic Duct
absence, case [Sperling], 1077 (Je)

Cysts
choledochal, multiple, case [Engle], 345 (Mr)

D

Death
effects of season on death due to hemorrhage [Swan], 448 (Mr)

Dextran
and balanced electrolytes in total body perfusion in cardiac operations [Roe], 128 (Ja)
low molecular, effect on temporary renal ischemia [Hendren], 206 (Fe)
low molecular weight, hemodynamic changes from [Pearson], 999(Je)
low molecular weight, in small artery surgery, antithrombogenic effect, experimental [Winfrey], 78 (Ja)
low molecular weight in thoracic aorta occlusion, effect on sequelae [Dawes], 699 (Ap)
prevention of experimental peritoneal adhesions by [Choate], 249 (Fe)

Diaphragmatic Hernia
(Fe)
and gastric acid secretion [Casten], 255
esophageal hiatus hernia, technique of operation and results in 92 patients [Farrar], 846 (My)
strangulated, unusual physical sign [McDonald], 750 (My)

Diuresis
mannitol-induced effect on serum and urine sodium concentration [Cheney], 197 (Fe)

Diuretics, Mercurial
effect of urease inhibition with chlormerodrin on ammonia intoxication in dogs [Zuidema], 303 (Fe)

Diverticulitis
colonic, localized perforated [Byrne], 552 (Ap)
duodenal, case [Whitcomb], 275 (Fe)

Diverticulosis
gallbladder, clinical and radiographic features [Mark], 498 (Mr)

Duodenum
benign leiomyomas, 3 cases and review literature [Mittelpunkt], 308 (Fe)
diverticulum, case [Whitcomb], 275 (Fe)
hemigastrectomy and vagotomy for ulcer [Johnston], 860 (My)
intrinsic contractile activity, extrinsic influences [Dancer], 984 (Je)
obstructing gastroduodenal ulcers, factors influencing incidence and mortality [Kozoll], 793 (My)

E

Electrolytes
balanced and dextran total body perfusion in cardiac surgery [Roe], 128 (Ja)
changes during dilution perfusion [Linder], 175 (Fe)

Emergencies
acute abdominal, in cirrhosis, causes [Finlayson], 947 (Je)

Enteritis, Regional: See Ileitis, Regional

Esophageal Fistula
congenital, recommunication on repair of case and review literature [Falletta], 779 (My)

Esophageal Hernia: See Diaphragmatic Hernia

Esophageal Neoplasms
pharyngoesophagoplasty: interposition of right colon in cancer surgery [Manning], 939 (Je)

Ethionine
induced alteration in gastric secretion [Mason], 1063 (Je)

Extracorporeal Circulation: See Cardiopulmonary Bypass

Extremities
replantation, experimental, long-term evaluation [Eiken], 66 (Ja); pathophysiology, 54 (Ja); technic, results, 48 (Ja)

F

Fasting
measurement of gastric secretion [Dragstedt], 287 (Fe)

Feces
incontinence caused by lacerations perineum, delayed repair [Manning], 569 (Ap)

Femoral Artery
dissecting aneurysm, complication of catheterization [Herman], 374 (Mr)

Femoral Vein
venous valve transplantation, experimental [Waddell], 5 (Ja)

Fibrinolysis
acute disseminated intravascular coagulation and fibrinolysis [Allen], 694 (Ap)
effect on Dacron vascular prosthesis [Inada], 376 (Mr)

Fibroblasts
derivation, in healing wound [Grillo], 218 (Fe)

Fistula: See Gastrointestinal Fistula

Foreign Bodies
appendicitis in infant due to, case [Fredell], 209 (Fe)
ingested, management in psychotic patient [Teimourian], 915 (Je)

G

Gallbladder
diverticulosis, clinical and radiographic features [Mark], 498 (Mr)
left-sided, review literature, case with hepatic duct carcinoma [Newcombe], 494 (Mr)
multiseptate, case [Bigg], 501 (Mr)

Gastrectomy
hemigastrectomy and vagotomy for duodenal ulcer [Johnston], 860 (My)

Gastric Juice
ethionine-induced alteration in gastric secretion [Mason], 1063 (Je)
gastric acid secretion and esophageal hiatal hernia [Casten], 255 (Fe)
measurement of fasting gastric secretion [Dragstedt], 287 (Fe)

Gastroenterostomy
effect on experimental gastric ulcer in rabbits [Linares], 932 (Je)

Gastrointestinal Fistula
gastroenteric cutaneous fistula, tract occlusion for treatment [Jordan], 540 (Ap)

Gastrointestinal Neoplasms
leimyomas [Kaupp], 892 (My)
metastatic melanoma [Das Gupta], 969 (Je)

Gastroduodenal Ulcer: See Peptic Ulcer

Geriatrics
operative complications and mortality in patients over 80 [Marshall], 896 (My)

Glycoproteins
plasma glycoproteins in malignant disease [Macbeth], 633 (Ap)

Grafts: See Transplantation

H

Head Neoplasms
intra-arterial infusion for cancer [Jesse], 618 (Ap)
regional arterial infusion for localized malignancies [Hayes], 1070 (Je)

Heart Arrest
preparations for management, medical obligations [Swan], 1079 (Je)

Heart, Mechanical: See Cardiopulmonary Bypass

Heart Surgery
atrial graft for right ventricular outflow tract roof [Mulder], 193 (Fe)
decreased mortality rate in open-heart surgery, analysis of reasons [McGoon], 681 (Ap)
open-heart surgery for infants and small children, mortality and morbidity [Baffes], 675 (Ap)
total body perfusion in, balanced electrolytes and dextran [Roe], 128 (Ja)

Heart Ventricles
left, aneurysm due to infarction, aneurysmectomy [Cooley], 114 (Ja)

Hemangioendothelioma
of breast [Khanna], 807 (My)

Hemobilia: See Hemorrhage, Gastrointestinal

Hemorrhage: See also Shock, Hemorrhagic
effects of season on death due to hemorrhage [Swan], 448 (Mr)

Hemorrhage, Gastrointestinal
Mallory-Weiss syndrome, increasing surgical significance [Freeark], 882 (My)
massive, due to metastatic malignant melanoma [Harris], 1049 (Je)
recurrent, after definitive gastric surgery [Coe], 888 (My)
traumatic hemobilia treated by massive liver resection [Poulos], 596 (Ap)

Hemostasis
mechanism in extracorporeal circulation [Marin], 988 (Je)

Heparin
in thoracic aorta occlusion, effect on sequelae [Dawes], 699 (Ap)

Hepatic Duct
carcinoma, in case with left-sided gallbladder [Newcombe], 494 (Mr)

Hepatitis, Infectious
propiolactone plus ultraviolet-treated plasma without hepatitis [LoGrippo], 721 (Ap)

Hiatal Hernia: See Diaphragmatic Hernia

Homotransplantation: See Kidney Transplantation

Hospitals
surgery in the small community hospital [Gude], 906 (Je)

Hyaluronidase
in surgical dissection [Plous], 445 (Mr)

I

Ileitis, Regional
incidental appendectomy in, advisability [Marx], 546 (Ap)

Ileus: See Intestinal Obstruction; Meconium Ileus

Infant
appendicitis due to ingested foreign body, case [Fredell], 209 (Fe)
congenital pulmonary air cysts, successful resection in 50-day-old infant [Slim], 923 (Je)
congenital tracheoesophageal fistula, recommunication on repair, case [Falletta], 779 (My)
gastric perforation, 6 cases and review [Inouye], 471 (Mr)
open-heart surgery, mortality and morbidity [Baffes], 675 (Ap)

Infarction
intestinal, in mesenteric artery occulsion, two-stage operation, case [Meier], 181 (Fe)

Infarction, Pulmonary: See Pulmonary Embolism

Injections, Intra-Arterial
intra-arterial infusion for head and neck cancer [Jesse], 618 (Ap)
oxygen, vasodilating action [Baird] 23 (Ja)
regional arterial infusion for localized malignancies [Hayes], 1070 (Je)

International Cardiovascular Society
eleventh annual meeting, North American chapter, Atlantic City, June 15. 1963[papers read 1-162 (Ja)
presidential address [Hanlon], 1 (Ja)

Intestinal Atresia
surgical adjunct in treatment [Nicholson], 324 (Fe)

Intestinal Diseases
gangrene in mesenteric artery occlusion, two-stage operation, case [Meier], 181 (Fe)

Intestinal Neoplasms
metastatic malignant melanoma of small intestine with massive hemorrhage [Harris], 1049 (Je)

Intestinal Obstruction: See also Meconium Ileus
during early postoperative period [Coletti], 774 (My)
gallstone ileus [Gibson] 297 (Fe)
strangulation, early detection [Dixon], 527 (Ap)
strangulation, isotopic identification [Geurkink], 533 (Ap)
volvulus cecum and colon, acute and recurrent cases [Hendrick], 364 (Mr)

Intestinal Perforation
localized perforated diverticulitis [Byrne], 552 (Ap)
perforating injury of small intestine [Hermann], 290 (Fe)

Islet Cell Tumor, Ulcerogenic: See Zollinger-Ellison Syndrome

J

Jaundice, Obstructive
infusion of pancreatic enzymes into biliary radicals of liver [Foley], 589 (Ap)

K

Kidney
damage from angiographic media [Andrew], 812 (My)
use of living donors for renal homotransplantation [Marchioro], 711 (Ap)

Kidney Function Tests
renal-artery stenosis, experimental, evaluation function studies [Maier], 91 (Ja)

Knee
popliteal cysts, review 90 cases [Gristina], 357 (Mr)

L

Labor, Injuries to Mother: See Perineum Lacerations

Lactate Dehydrogenase
levels in pulmonary infarction [Stevens], 705 (Ap)

Laparotomy
management of incisions, survey of current practices [Smith], 515 (Ap); correction 1076 (Je)
vertical vs horizontal, early postoperative comparisons [Halasz], 911 (Je)

Leg
anterior tibial compartment syndrome, clinical and electromyographic aspects [Leach], 187 (Fe)

Leiomyoma
benign, duodenal, 3 cases and review literature [Mittelpunkt], 308 (Fe)
of gastrointestinal tract [Kaupp], 903 (My)

Limbs: See Extremities; Leg

Liver
abscess, use of newer surgical techniques to reduce mortality [Block], 602 (Ap)
accessory lobe with infarction, case [Watson], 490 (Mr)
carcinoma, thorotrast-induced, case [Person], 503 (Mr)
cirrhosis, acute abdominal emergencies in, causes [Finlayson], 947 (Je)
cryptococcosis, with mesenchymoma, case [Wilkins], 761 (My)
traumatic hemobilia treated by massive liver resection [Poulos], 596 (Ap)

Lumbar Sympathectomy: See Sympathectomy, Lumbar

Lung
anesthetic effect on pulmonary metastases Walker 256 carcinosarcoma in rats [Agostino], 735 (My)
carcinoma, review 321 cases [Lulu] 213 (Fe)
congenital air cysts, successful resection in infant [Slim], 923 (Je)

Lung, Artificial Lung: See Cardiopulmonary Bypass

Lymphangiography
thoracic duct, roentgenographic and direct visualization [Nusbaum], 105 (Ja)

M

Malabsorption Syndrome: See Sprue

Mannitol
and renal function in cardiovascular surgery [Berman], 239 (Fe)
diuresis, effect on serum and urine sodium concentration [Cheney], 197 (Fe)

Mastectomy
meaning of five-year cure in cancer of the breast [Whitney], 637 (Ap)

Meconium Ileus
uncomplicated meconium ileus [Hill], 522 (Ap)

Melanoma
metastatic malignant, of small intestine, with massive hemorrhage [Harris], 1049 (Je)
metastatic, of gastrointestinal tract [Das Gupta], 969 (Je)

Membrane, Prosthetic Membrane: See Cardiopulmonary Bypass

Mesenchymoma
and visceral cryptococcosis, case [Wilkins], 761 (My)

Mesenteric Arteries
advances in surgery and physiology [Laufman] 1021 (Je)

Mesenteric Vascular Occlusion
advances in surgery [Laufman], 1021 (Je)
with intestinal gangrene, two-stage operation, case [Meier], 181 (Fe)

Metastasis
anesthetic effect on pulmonary metastases Walker 256 carcinosarcoma in rats [Agostino], 735 (My)
gastrointestinal melanoma [Das Gupta] 969 (Je)
malignant melanoma of small intestine with massive hemorrhage [Harris], 1049 (Je)
ovary carcinoma metastatic to breast, case and review literature [Ibach], 410 (Mr)

Methyl 2-Cyanoacrylate
instant polymerization for tissue repair, preliminary report [Myers], 747 (My)

Mitral Valve
and aortic valve replacement with Starr-Edwards prostheses [Effler], 145 (Ja)

Mondor's Disease: See Thrombophlebitis, Thoracoepigastric

Mortality
and operative complications in patients over 80 [Marshall] 896 (My)
decreased rate in open-heart surgery, analysis of reasons [McGoon], 681 (Ap)
in acute perforation of duodenal and gastric ulcer [Krippaehne], 874 (My)

Myocardial Infarct
left ventricular aneurysm, aneurysmectomy [Cooley], 114 (Ja)

N

Neck Neoplasms
intra-arterial infusion for cancer [Jesse], 618 (Ap)
sudden blindness after simultaneous bilateral radical neck dissection, case [Torti], 271 (Fe)

Neoplasms
plasma glycoproteins in malignant disease [Macbeth], 633 (Ap)
proposed glossary of cancer [corres.] [Goddard], 326 (Fe) [Martin], 326 (Fe)
statistics, dilemma [Batley] 163 (Fe)

O

Omentum
torsion, primary idiopathic, review literature and report six cases [Mainzer], 974 (Je)

Ovarian Neoplasms
carcinoma, metastatic to breast, case and review literature [Ibach], 410 (Mr)

Oxygen
intra-arterial injection, vasodilating action [Baird], 23 (Ja)

Oxygen Tension
in tissues [Derrick], 1059 (Je)
monitoring during clinical anesthesia [Greene], 225 (Fe)

Oxygenators: See Cardiopulmonary Bypass

P

Pancreatic Juice: See also Trypsin

Pancreatitis
acute hemorrhagic, propylthiouracil in [Thompson], 966 (Je)

Papilloma: See Adenoma

Parabiosis
heterologous [Vancil], 452 (Mr)

Peptic Ulcer
obstructing gastroduodenal ulcers, factors influencing incidence and mortality [Kozoll], 793 (My)

Peptic Ulcer Perforation
acute factors influencing mortality [Krippaehne], 874 (My)

Perfusion
automatic pressure-controlled coronary perfusion system [Bosher], 752 (My)

Pericardium
utilization of pericardial vascular reinforcement in bronchial closure following pulmonary resection [Lawrence], 654 (Ap)

Perineum Lacerations
causing fecal incontinence, delayed repair [Manning], 569 (Ap)

Peritoneal Cavity
adhesions, experimental, prevention by dextran [Choate] 249 (Fe)

Pharyngeal Neoplasms
pharyngoesophagoplasty: interposition of right colon in cancer surgery [Manning], 939 (Je)

Plasma
propiolactone plus ultraviolet-treated plasma without hepatitis [LoGrippo], 721 (Ap)

Plasma Proteins: See Blood Proteins

Pneumonectomy
utilization of pericardial vascular reinforcement in bronchial closure [Lawrence], 654 (Ap)

Polymers
instant polymerization of plastic monomer for tissue repair [Myers], 747 (My)

Postgastrectomy Syndrome
recurrent gastrointestinal bleeding after definitive gastric surgery [Coe], 888 (My)

Postoperative Complications
and mortality in patients over 80 [Marshall], 896 (My)
intestinal obstruction during early period [Coletti], 774 (My)

Pregnancy Complications
nonobstetric surgical disease [Radman], 279 (Fe)

Propiolactone
and ultra-violet treated plasma without hepatitis [LoGrippo], 721 (Ap)

Propylthiouracil
in acute hemorrhagic pancreatitis [Thompson], 966 (Je)

Prosthesis
aortic valve, total replacement in calves [Larson], 135 (Ja)
arterial, importance of porosity [Fry], 836 (My)
Starr-Edwards; in aortic and mitral valve replacement [Effier], 145 (Ja)

Psychoses
management of ingested foreign bodies [Teimourian], 915 (Je)

Pulmonary Embolism
enzymatic levels in pulmonary infarction [Stevens], 705 (Ap)
prevention, critical evaluation of vena cava plication [Bergan], 1016 (Je)

Pulmonary Neoplasms: See Lung Neoplasms

Pylorus
effect of pyloroplasty on experimental gastric ulcer in rabbits [Linares], 932 (Je)
effects on gastric secretion and emptying [Lawson], 1052 (Je)
experimental gastric ulcers produced by pyloric stenosis [de la Rosa], 927 (Je)

R

Radiopaque Agents: See Contrast Media

Radioisotopes
identification of strangulation obstruction [Geurkink], 533 (Ap)

Rectal Neoplasms
papillary (villous) adenomas with electrolyte imbalance [Diffenbaugh], 577 (Ap)

Renal Artery
bilateral simultaneous renal endarterectomy [Trippel], 818 (My)
experimental stenosis, evaluation function studies [Maier], 91 (Ja)
low molecular dextran effect on temporary renal ischemia [Hendren], 206 (Fe)

Pump Oxygenator: See Cardiopulmonary Bypass

Replantation
limbs, experimental, long-term evaluation [Eiken], 66 (Ja); pathophysiology 54 (Ja); technic, results 48 (Ja)

Rheomacrodex: See Dextran

Research
paradox of well-intentioned enemies [Mayo], 511 (Ap)

Ribs
aneurysmal bone cyst, differential diagnosis and treatment [Bossart], 229 (Fe)

S

Sacrococcygeal Region
teratoma in adults [Killen], 425 (Mr)

Seasons
effect on death due to hemorrhage [Swan], 448 (Mr)

Shock
acute disseminated intravascular coagulation and fibrinolysis [Allen], 694 (Ap)

Shock, Hemorrhagic
fluid therapy in [Shires], 688 (Ap)

Situs Inversus
left-sided gallbladder [Newcombe], 494 (Mr)

Sodium
serum and urine concentration, effect mannitol-induced diuresis [Cheney], 197 (Fe)

Sodium Chloride
balanced salt solution in therapy hemorrhagic shock [Shires], 688 (Ap)

Splenectomy
effect on tolerance to thio-tepa [Higgins], 627 (Ap)

Sprue
intestinal biopsy capsule as diagnostic aid, case [Nagler], 415 (Mr)

Starr-Edwards Prosthesis: See Prosthesis

Stomach
atony, postvagotomy [Kraft], 865 (My)
gastrostomy, temporary, technique and management [Beardsley], 461 (Mr)
pyloric effects on gastric secretion and emptying [Lawson], 1052 (Je)

Stomach Neoplasms
effect of splenectomy on tolerance to thio-tepa [Higgins], 627 (Ap)

Stomach Rupture
neonatal gastric perforation, 6 cases and review [Inouye], 471 (Mr)

Stomach Ulcer
experimental, effect of gastroenterostomy and pyloroplasty in rabbits [Linares], 932 (Je)
experimental, produced by pyloric stenosis [de la Rosa], 927 (Je)

Stomach Volvulvus
complication of colostomy [Cohn], 1013 (Je)

Subclavian Artery
subclavian steal syndrome [Gorman], 350 (Mr)
subclavian steal syndrome [Parrott], 661 (Ap)

Surgery
nonobstetric surgical disease complicating pregnancy [Radman], 279 (Fe)

Surgery, Operative
elective, comparison anesthetic methods [Minster], 728 (My)
in the small community hospital [Gude], 906 (Je)
urine volume and osmolality in surgery, with and without extracorporeal circulation [Kennedy], 155 (Ja)
use of hyaluronidase in surgical dissection [Plous], 445 (Mr)

Suture Technics
epithelial stitch (corres.) [Pecora], 326 (Fe)
management of abdominal incision, survey of current practices [Smith], 515 (Ap); correction, 1076 (Je)

Sutures
collagen, extruded, clinical observations [Miller], 167 (Fe)

Sympathectomy, Lumbar
evaluation [King], 36 (Ja)

T

Teratoid Tumor
sacrococcygeal teratoma in adults [Killen], 425 (Mr)

Tetanus
recent trends [Hewitt], 768 (My)

Tetralogy of Fallot
atrial graft for right ventricular outflow tract roof [Mulder], 193 (Fe)

Thio-Tepa
effect of splenectomy on tolerance to thio tepa [Higgins], 627 (Ap)

Thoracic Duct
bilateral cannulation, associated complications [Falor], 787 (My)
roentgenographic and direct visualization [Nusbaum], 105 (Ja)

Thoracic Injuries
penetrating chest wounds, treatment [Garzon], 397 (Mr)

Thoracic Neoplasms
azygography [Mays], 233 (Fe)

Thorium
thorotrast-induced liver carcinoma, case [Person], 503 (Mr)

Thromboangiitis Obliterans
chronic occlusive arterial disease of lower extremity in Japan [Inada], 454 (Mr)
clinico-angiographic correlations [Szilagyi], 821 (My)

Thrombophlebitis
venous patency after thrombectomy, experimental [Bradham], 16 (Ja)

Thrombophlebitis, Thoracoepigastric
superficial of anterior chest wall, Mondor's disease [Castleton], 1010 (Je)

Thrombosis
antithrombogenic effect dextran in small artery surgery, experimental [Winfrey], 78 (Ja)

Thrombosis, Venous: See Thrombophlebitis

Thyroid Neoplasms
carcinomas, surgical treatment, study 885 cases [Black], 610 (Ap)

Trachea
congenital tracheoesophageal fistula, recommunication on repair, case and review literature [Falletta], 779 (My)
cylindroma, resection using cardiopulmonary bypass [Adkins], 405 (Mr)
traumatic injuries of the tracheobronchial tree [Battersby], 644 (Ap)

Transplantation
atrial graft for right ventricular outflow tract roof [Mulder], 193 (Fe)
siliconized synthetic grafts, functional and histologic observations [Hoopes], 421 (Mr)
synthetic vascular prosthesis, effect of fibrinolysis on [Inada], 376 (Mr)
venous valve, femoral, experimental [Waddell], 5 (Ja)

Trypsin
infusion into biliary radicals of liver, study of influence [Foley], 589 (Ap)

U

Ultraviolet Rays
propiolactone plus ultraviolet-treated plasma without hepatitis [LoGrippo], 721 (Ap)

Urease
inhibition, effect on ammonia intoxication in dogs [Zuidema], 303 (Fe)

V

Vagotomy
and hemigastrectomy for duodenal ulcer [Johnston], 860 (My)
postvagotomy gastric atony [Kraft], 865 (My)
produced experimental gastric ulcer in rabbits, effect of gastroenterostomy and pyloroplasty [Linares], 932 (Je)
pyloric effects on gastric secretion and emptying [Lawson], 1052 (Je)

Vascular Diseases
lumbar sympathetic denervation, evaluation [King], 36 (Ja)

Vascular Surgery
anastomosis, atraumatic distal control [Blaisdell], 185 (Fe)
reconstruction small arteries, methods [Stahl], 384 (Mr)
siliconized synthetic grafts, functional and histologic observations [Hoopes], 421 (Mr)

Vascular surgery—continued
small artery surgery, antithrombogenic effect dextran, experimental [Winfrey], 78 (Ja)
small vein anastomosis with and without operative microscope [Collins], 740 (My)
synthetic prosthesis, effect of fibrinolysis on [Inada], 376 (Mr)
venous patency after thrombectomy, experimental [Bradham], 16 (Ja)

Vasodilator Agents
intra-arterial oxygen injection, vasodilating action [Baird], 23 (Ja)

Vena Cava, Inferior
ligation of the suprarenal vena cava in dogs [Herendeen], 1045 (Je)
occlusion, above renal veins [Beheshti], 299 (Fe)
plication in prevention pulmonary embolism, critical evaluation [Bergan], 1016 (Je)

Venous Thrombosis: See Thrombophlebitis

Vertebral Artery
subclavian steal syndrome [Parroott], 661 (Ap)

Vivisection
paradox of the well-intentioned enemies of medical research [Mayo], 511 (Ap)

Volvulus: See Intestinal Obstruction

Volvulus, Stomach: See Stomach Volvulus

W

Water-Electrolyte Balance
papillary (villous) adenomas of rectum and colon with electrolyte imbalance [Diffenbaugh], 577 (Ap)

Wound Healing
derivation of fibroblasts in [Grillo], 218 (Fe)
instant polymerization of plastic monomer for tissue repair [Myers], 747 (My)

Z

Zollinger-Ellison Syndrome
two cases [DeMuth], 244 (Fe)

ARCHIVES OF

SURGERY

VOLUME 89

JULY THROUGH DECEMBER, 1964

AMERICAN MEDICAL ASSOCIATION Publication

STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION

(Act of October 23, 1962: Section 4369, Title 39, United States Code)

Publisher: File two copies of this form with your postmaster.

1. DATE OF FILING: September 30, 1964

2. TITLE OF PUBLICATION: Archives of Surgery

3. FREQUENCY OF ISSUE: Monthly

4. LOCATION OF KNOWN OFFICE OF PUBLICATION *(Street, city, county, state, zip code)*: 535 North Dearborn Street,, Chicago, Cook, Illinois 60610

5. LOCATION OF THE HEADQUARTERS OR GENERAL BUSINESS OFFICES OF THE PUBLISHERS *(Not printers)*: 535 North Dearborn Street, Chicago, Cook, Illinois 60610

6. NAMES AND ADDRESSES OF PUBLISHER, EDITOR, AND MANAGING EDITOR

PUBLISHER *(Name and address)*: American Medical Association, 535 North Dearborn Street, Chicago, Illinois 60610

EDITOR *(Name and address)*: J. Garrott Allen, M.D., 535 North Dearborn Street, Chicago, Illinois 60610

MANAGING EDITOR *(Name and address)*: Gilbert S. Cooper, 535 North Dearborn Street, Chicago, Illinois 60610

7. OWNER *(If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding 1 percent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual must be given.)*

NAME	ADDRESS
None	

8. KNOWN BONDHOLDERS, MORTGAGEES, AND OTHER SECURITY HOLDERS OWNING OR HOLDING 1 PERCENT OR MORE OF TOTAL AMOUNT OF BONDS, MORTGAGES OR OTHER SECURITIES *(If there are none, so state)*

NAME	ADDRESS
None	

9. Paragraphs 7 and 8 include, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, also the statements in the two paragraphs show the affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner. Names and addresses of individuals who are stockholders of a corporation which itself is a stockholder or holder of bonds, mortgages or other securities of the publishing corporation have been included in paragraphs 7 and 8 when the interests of such individuals are equivalent to 1 percent or more of the total amount of the stock or securities of the publishing corporation.

10. THIS ITEM MUST BE COMPLETED FOR ALL PUBLICATIONS EXCEPT THOSE WHICH DO NOT CARRY ADVERTISING OTHER THAN THE PUBLISHER'S OWN AND WHICH ARE NAMED IN SECTIONS 132.231, 132.232, AND 132.233, POSTAL MANUAL *(Sections 4355a, 4355b, and 4356 of Title 39, United States Code)*

October, 1963 thru September, 1964	AVERAGE NO. COPIES EACH ISSUE DURING PRECEDING 12 MONTHS	SINGLE ISSUE NEAREST TO FILING DATE
A. TOTAL NO. COPIES PRINTED *(Net Press Run)*	47,657	46,468
B. PAID CIRCULATION 1. TO TERM SUBSCRIBERS BY MAIL, CARRIER DELIVERY OR BY OTHER MEANS.	46,777	45,607
2. SALES THROUGH AGENTS, NEWS DEALERS, OR OTHERWISE.	None	None
C. FREE DISTRIBUTION *(including samples)* BY MAIL, CARRIER DELIVERY, OR BY OTHER MEANS.	880	861
D. TOTAL NO. OF COPIES DISTRIBUTED. *(Sum of lines B1, B2 and C)*	47,657	46,468

I certify that the statements made by me above are correct and complete.

(Signature of editor, publisher, business manager, or owner)

Russell H. Clark, Business Director

POD Form 3526 Aug. 1963

AUTHOR INDEX TO VOLUME 89

In this Index in alphabetical order are listed the names of authors of all articles. Full citation is given under main author only; reference is made from joint authors. Page numbers in the Index refer to boldface numbers in the text.

A

Abbott, C. P.; Lindsey, E. S.; Creech, O., and DeWitt, C. W.: A technique for heart transplantation in the rat, 645 (Oc)

Abbott, J. P.: See DeBakey, M. E.

Abrams, J. S., and Holden, W. D.: Tuberculosis of the gastrointestinal tract, 282 (Au)

Agostino, D.: See Farpour, A.

Alexander, J. W.: See Altemeier, W. A.

Allen, J. G.: Alfred Blalock and our heritage, 929 (No)

Altemeier, W. A.; Culbertson, W. R., and Alexander, J. W.: One-stage perineal repair of rectal prolapse, 6 (Jy)

Anderson, W. E.: See Delarue, N. C.

Anspach, W. E.: Bone formation induced by epithelium of urinary bladder, 446 (Se)

Aquilizan, H. A.: See Silver, C. E.

Ariel, I. M.: Radioactive isotopes for adjuvant cancer therapy, 244 (Au)

Asbury, G. F.: Giant gastric ulcer, 488 (Se)

Aswaq, M.; Richards, V., and McFadden, S.: Immumologic response to autologous cancer vaccine, 485 (Se)

Attarian, E.: See Welch, H. F.

Aykent, Y.: See Mudd, J. G.

B

Bader, K. F.; Roseman, D. L.; Economou, S. G., and Beattie, E. J. Thoracic ileopexy for portal hypertension, 228 (Jy)

Bailas, N. J.: See Ellis, P. R.

Baird, R. J.; Evans, J. R., and Labrosse, C. J.: Coarctation of the abdominal aorta, 466 (Se)

Lipton, I. H.; Miyagishima, R. T., and LaBrosse, C. J.: Replacement of the deep veins of the leg, 797 (No)

Baker, R. J.; Shoemaker, W. C.; Suzuki, F.; Freeark, R. J., and Strohl, E. L.: Low molecular weight dextran therapy in surgical shock. Part I, 373 (Au)

Shoemaker, W. C.; Suzuki, F.; Freeark, R. J.; Strohl, E. L., and Carey, J.: Low molecular weight dextran therapy in surgical shock. Part 2, 379 (Au)

Barnett, W. O.: Shock after long-loop strangulation obstruction, 270 (Au)

Barrett, J. S.: See Sellers, A. M.

Barton, H. L.: See Law, S. W.

Beattie, E. J.: See Bader, K. F.; Mehl, R. L.

Befeler, D.: Recurrent appendicitis, 666 (Oc)

Bennett, D.: See Polk, H. C.

Berliner, S. D.; Burson, L. C., and Lear, P. E.: Use and abuse of intraperitoneal drains in colon surgery, 686 (Oc)

Berman, E. J., and Berman, J. K.: Hiatal hernia complex, 179 (Jy)

Berman, J. K.: See Berman, E. J.

Bernard, H. R.: See Cole, W. R.

Bernhard, W. F.: See Tank, E. S.

Beven, E. G.: See Young, J. R.

Bilgutay, A. M.; Gannon, P. G.; Sterns, L. P.; Ferlic, R., and Lillehei, C. W.: Coronary arteriography, 899 (No)

Birdsong, S.: See Pate, J. W.

Bitter, J. E.: See Sutherland, R. D.

Blair, E.; Henning, G.; Hornick, R., and Cowley, R. A.: Hypothermia in bacteremic shock, 619 (Oc)

Blaisdell, F. W.: See Vonruden, W. J.

Blakemore, W. S.: See Sellers, A. M.

Blanchard, R. J.; Grotenhuis, I.; LaFave, J. W.; Frye, C. W., and Perry, J. F.: Treatment of experimental tumors, 406 (Au)

Block, M. A.: See Couris, G. D.

Bloom, M. H.: See Palumbo, L. T.

Bond, T. P.; Derrick, J. R., and Guest, M. M.: Microcirculation during hypothermia, 887 (No)

Bowers, R. F.: See Wayne, L.

Bratcher, E. P.: See Kelly, T. R.

Brewster, W. R.: See Hardaway, R. M.

Brown, M. J.: See Soper, R. T.

Brown, T. C.: See Delarue, N. C.

Buckwalter, J. A.; Lawton, R. L., and Tidrick, R. T.: Pancreatoduodenectomy, 331 (Au)

Burke, E. N.; Nichols, G. B., and Cappi, J.: Importance of preoperative scout films, 933 (De)

Burson, L. C.: See Berliner, S. D.

Butcher, H. R.: See Polk, H. C.

Butler, E. D.: See Gardner, B.

Buttigliero, J. B.: See Coles, J. C.

Butz, G. R.: See Wayne, A. L.

C

Callaghan, P. B., Watkins, D. H., and Klink, E. J.: Orthophasic postsystolic myocardial augmentation, 354 (Au)

Callow, A. D., and Deterling, R. A.: Occlusive disease in renal arteries, 856 (No)

Cameron, J. L.; Woodward, S. C., and Herrmann, J. B.: Pancreatic wounds sealed with plastic adhesive, 546 (Se)

Canipe, T. L., and Hudspeth, A. S.: Gas gangrene septicemia, 544 (Se)

Cappi, J.: See Burke, E. N.

Cares, H.: See Kirsh, M. M.

Carey, J.: See Baker, R. J.

Carey, L. C.; Kayser, K.; Ellison; E. H., and Lepley, D.: Relative electrical impedance as index to intestinal viability, 226 (Jy)

Carter, D.: See Kinsey, D. L.

Charbon, G. A.: See Sebus, J.

Chusid, J. G.: See Conley, J. J.

Cliffton, E. E.: See Farpour, A.

Cobo, A.; Hall, R. C.; Torres, E., and Cuello, C. J.: Intrahepatic calculi, 936 (De)
See Manzano, C.

Cole, W. R., and Bernard, H. R.: Inadequacies of present methods of surgical skin preparation, 215 (Jy)

Coles, J. C.; Gergely, N. F., and Buttigliero, J. B.: Congenital heart disease in the adult, 130 (Jy)

Collins, H. A.; Woods, L. P., and Daniel, R. A.: Late results of pericardiectomy, 921 (No)

Condon, R. E.; Nyhus, L. M., and Harkins, H. N.: Isolated perfused bovine liver, 602 (Oc)

Conley, J. J.; Chusid, J. G., and Schechter, M. M.: Angiography in head and neck surgery, 609 (Oc)

Conte, M.: See Gabriele, O. F.

Cooley, D. A.: See Hallman, G. L.

Cooper, T.; Hirsch, E. F.; Willman, V. L., and Hanlon, C. R.: Transplantation of the heart, 915 (No)

Copher, G. H.: See Polk, H. C.

Couris, G. D.; Block, M. A., and Rupe, C. E.: Gastrointestinal complications of collagen diseases, 695 (Oc)

Cowley, R. A.: See Blair, E.

Cramer, L. M.: See Morton, J. H.

Creech, O.: See Abbott, C. P.

Cross, F. S.; Jones, R. D., and Mowlem, A.: Acute pulmonary embolism, 159 (Jy)

Cuello, C. J.: See Cobo, A.

Culbertson, W. R.: See Altemeier, W. A.

Cushman, W. F., and DeMaio, J. T.: Experience with local gastric cooling, 719 (Oc)

D

Daniel, R. A.: See Collins, H. A.

Davis, J. H.: See Drucker, W. R.

Davis, M.: See Mudd, J. G.

DeBakey, M. E.; Jordan, G. L.; Abbott, J. P.; Halpert, B., and O'Neal, R. M.: The fate of dacron vascular grafts, 757 (No)

Degerli, I. U.; Webb, W. R., and Lockwood, W. R.: The glucocorticoid deprived myocardium, 457 (Se)

De la Rosa, C.: See Dragstedt, L. R.

Delarue, N. C.; Watters, N.; Anderson, W. E.; Thompson, D.; Brown, T. C.; Falk, R. E.; Lansky, G. S.; Fielden, R. H. N.; Lau, G., and Steele, D.: Circulating "cancer cells," 392 (Au)

Delin, N. A.: See Pollock, L.; Schenk, W. G.

DeMaio, J. T.: See Cushman, W. F.

Derrick, J. R.: See Bond, T. P.

Deterling, R. A.: See Callow, A. D.

DeWeese, J. A.; Van de Berg, L.; May, A. G., and Rob, C. G.: Stenoses of arteries of the lower extremity, 806 (No)

DeWitt, C. W.: See Abbott, C. P.

DeWolfe, V. G.: See Young, J. R.

Dickinson, T. C.: See Starzl, T. E.

Dillon, M. L.: See Postlethwait, R. W.

Dineen, P.: See Holswade, G. R.

Domanig, E.: See Schenk, W. G.

Donahoe, J.: See Mudd, J. G.

Dorchak, J. R.: See Qureshi, M. A.

DoVale, J.: See Miller, F. A.

Dowdle, E. B.: See Frater, R. W. M.

Dragstedt, L. R.; Quintana, R. B.; de la Rosa, C., and Linares, C. A.: The question of fatigue in the gastrin mechanism, 1042 De)
See Palumbo, L. T.; Quintana, R.

Driscol, J. F.: See Raffensperger, J. rats, 942 (De)

Drucker, W. R.; Davis, J. H.; Holden, W. D., and Reagan, J. R.: Hemorrhagic necrosis of the intestine, 42 (Jy)

Dye, W. S.: See Najafi, H.

E

Economou, S. G.: See Bader, K. F.

Ellis, P. R.; Bailas, N. J.; Viskos, J. D.; Wong, S. H., and Hyland, J. W.: Experimental heart failure in dogs, 299 (Au)

Ellison, E. H.: See Carey, L. C.

Elliott, J. P.: See Szilagyi, D. E.

Elovitz, M. J.: See Hardaway, R. M.

Erickson, E. E.: See Law, S. W.

Errazu, D.: See Rey-Baltar, E.

Evans, J. R.: See Baird, R. J.

F

Fagan, L.: See Mudd, J. G.

Falk, R. E.: See Delarue, N. C.

Falkiner, N. McI.: See Pegum, J. M.

Falor, W. H.: See Kelly, T. R.

Farpour, A.; Agostino, D., and Cliffton, E. E.: Transplantable lung cancer in rats, 942 (De)

Ferlic, R.: See Bilgutay, A. M.

Fielden, R. H. N.: See Delarue, N. C.

Fishbein, R.; Rush, B. F.; Wilder, R. J., and Murphy, G. P.: Changes in gastric secretion, 273 (Au)

Fisher, B.; Lee, S. H.; Fisher, E. R.; Sakai, A., and Rabinovitz, M.: Thyroparathyroid homotransplantation by vascular anastomosis, 65 (Jy)

Fisher, E. R.: See Fisher, B.

Foster, J. H.: See Rhea, W. G.

Fox, L. M.: See Margileth, A. M.

Frater, R. W. M., and Dowdle, E. B.: Congenital esophagobronchial fistula, 949 (De)

Freeark, R. J.: See Baker, R. J.

Freiberg, R. A., and Ray, R. D.: Studies of devitalized bone implants, 417 (Se)

Friedman, I. H.; Rubin, J. M.; Kotler, M., and Lozman, H.: Cholecystoduodenal fistula and jaundice, 540 (Se)

Frittelli, G.: See Tank, E. S.

Fry, W. J.: See Thompson, N. W.

Frye, C. W.: See Blanchard, R. J.

G

Gabriele, O. F., and Conte, M.: Spontaneous intramural hemorrhage of the colon, 522 (Se)

Gannon, P. G.: See Bilgutay, A. M.

Gardner, B.; Butler, E. D., and Goldman, L.: Early complications of gastrectomy, 475 (Se)

Gergely, N. F.: See Coles, J. C.

German, A. I.: See Wojnar, V. S.

Gerszi, K.: See Sako, K.

Glass, R. L.; Spratt, J. S., and Perez-Mesa, C.: Epidermoid carcinomas of lower extremities, 955 (De)

Goldman, L.: See Gardner, B.

Goldsmith, E. I.: See Holswade, G. R.

Goodale, R. L.: Progress in gastric freezing, 1060 (De)

Greer, D.: See Prohaska, J. V.

Grismer, J. T., and Lillehei, C. W.: Caval catheter modifications, 1111 (De)

Grotenhuis, I.: See Blanchard, R. J.

Grove, W. J.: See Walker, E. E.

Guest, M. M.: See Bond, T. P.

Gunther, T.: See Miller, F. A.

H

Hafner, C. D.: See Loefler, I.; Qureshi, M. A.

Hahnloser, P.: See Schenk, W. G.

Haimovici, H., and Maier, N.: Fate of aortic homografts in canine atherosclerosis, 961 (De)
Steinman, C., and Karson, I. H.: Evaluation of lumbar sympathectomy, 1089 (De)

Hall, A. D.: See Vonruden, W. J.

Hall, R. C.: See Cobo, A.; Manzano, C.

Hallman, G. L., and Cooley, D. A.: Complete transposition of great vessels, 891 (No)

Halpert, B.; See DeBakey, M. E.

Hanlon, C. R.: See Cooper, T.; Mudd, J. G.

Harbison, S. P.: Fragmentation, 1 (Jy)

Hardaway, R. M.; Elovitz, M. J.; Brewster, W. R., and Houchin, D. N.: Clotting time of heparinized blood, 701 (Oc)

Harkins, H. N.: See Condon, R. E.

Harrison, E. G.: See Kline, R. J.

Harrison, J. H., and Preez, A. R.: Advanced ischemia, 817 (No)

Henning, G.: See Blair, E.

Hermann, G.: See Kauvar, A. J.

Herrmann, J. B.: See Cameron, J. L.

Hinshaw, D. B.: See Smith, L. L.

Hirsch, E. F.: See Cooper, T.

Hitchcock, C. R.: See Sutherland, R. D.

Holden, W. D.: See Abrams, J. S.; Drucker, W. R.

Holswade, G. R.; Dineen, P.; Redo, S. F., and Goldsmith, E. I.: Antibiotic therapy in open-heart operations, 970 (De)

Hopkins, R. W., and Simeone, F. A.: Trimethaphan camsylate in hemorrhagic shock, 365 (Au)

Hornick, R.: See Blair, E.

Houchin, D. N.: See Hardaway, R. M.

Hoyt, R. K.: See Schenk, W. G.

Hudspeth, A. S.: See Canipe, T. L.

Hughes, R. K.: See Hurvitz, S. A.

Humphries, A. W.: See Young, J. R.

Hunter, J. A.: See Najafi, H.

Hurvitz, S. A.; Tomiyasu, U., and Hughes, R. K.: Pulmonary segmental resection, 975 (De)

Hurwitt, E. S.: See Silver, C. E.

Hyland, J. W.: See Ellis, P. R.

I

Inch, W. R., and McCredie, J. A.: Preoperative use of a single dose of X-rays, 398 (Au)

Itskovitz, H. D.: See Sellers, A. M.

J

Jackson, F. C., and Maxwell, J. W.: Intrahepatic diverticulum—common hepatic bile duct, 706 (Oc)
See Peck, D. A.

Jacobson, J. H.; Wang, M. C. H.; Yamaki, T.; Kline, H. J.; Kark, A. E., and Kuhn, L. A.: Hyperbaric oxygenation, 905 (No)

Javid, H.: See Najafi, H.

Johnson, J.: See Williams, K. R.

Johnson, W. W.: See Maddox, J. R.

Jones, R. D.: See Cross, F. S.

Jordan, G. L.: See DeBakey, M. E.

Joseph, A. T., and Moran, J. M.: Retrograde colonic intussusception, 979 (De)

Judd, D. R.; Taybi, H., and King, H.: Intramural hematoma of the small bowel, 527 (Se)

Juler, G.: See Shiffman, M. A.

Julian, O. C.: See Najafi, H.

K

Kaiser, G. C.; King, R. D.; Kilman, J. W.; Lemke, R. E., and Shumacker, H. B.: Pancreatic pseudocysts, 275 (Au)

Kalambaheti, K.: See Mazuji, M. K.

Kaplan, S. A.: See Shiffman, M. A.

Kark, A. E.: See Jacobson, J. H.

Karlan, M. S.: See Shiffman, M. A.

Karsh, H. B.: See Kauvar, A. J.

Karson, I. H.: See Haimovici, H.

Katz, W.; Silverstein, M.; Kobold, E. E., and Thal, A. P.: Trypsin release, kinin production, and shock, 322 (Au)

Kauvar, A. J.; Karsh, H. B., and Hermann, G.: Gastric freezing, 985 (De)

Kayser, K.: See Carey, L. C.

Kelly, T. R.; Bratcher, E. P., and Falor, W. H.: Trypsin inhibitor in acute hemorrhagic pancreatitis in dogs, 317 (Au)

Khanna, S. D.; Singh, G., and Saigal, R. K.: Ectopic meningioma in an infant, 752 (Oc)

Killen, D. A.: See Rhea, W. G.

Kilman, J. W.: See Kaiser, G. C.; Schumacker, H. B.

King, H.: See Judd, D. R.

King, R. D.: See Kaiser, G. C.

Kinsey, D. L.; Carter, D., and Klassen, K. P.: Simplified management of malignant pleural effusion, 389 (Au)

Kirsh, M. M.; Cares, H., and Zuidema, G. D.: Evaluation of the oral fructose test, 508 (Se)

Kjartansson, K. B.: See Pollock, L.

Klassen, K. P.: See Kinsey, D. L.

Kline, H. J.: See Jacobson, J. H.

Kline, R. J.; Spencer, R. J., and Harrison, E. G.: Carcinoma associated with fistula-in-ano, 989 (De)

Klink, E. J.: See Callaghan, P. B.

Kobold, E. E.: See Katz, W.

Kohatzu, S.: See Quintana, R.

Kotler, M.: See Friedman, I. H.

Kozoll, D. D., and Meyer, K. A.: Massively bleeding gastroduodenal ulcers, 250 (Au)
Obstructing gastroduodenal ulcer, 491 (Se)

Krementz, E. T.: See Longenecker, C. G.

Kuhn, L. A.: See Jacobson, J. H.

Kukral, J. C.: See Nora, P. F.

Kune, G. A.: Surgical anatomy of common bile duct, 995 (De)

L

LaBrosse, C. J.: See Baird, R. J.

LaFave, J. W.: See Blanchard, R. J.

Langston, H. D.: See Neville, W. E.

Lansky, G. S.: See Delarue, N. C.

Larsen, R. R.; Saliba, N. S., and Sawyer, K. C.: Postgastrectomy internal hernia, 725 (Oc)

Lary, B. G.: Postoperative suppurative parotitis, 653 (Oc)

Lau, G.: See Delarue, N. C.

Law, S. W.; Searle, N. B.; Barton, H. L., and Erickson, E. E.: Regional enteritis of the duodenum, 562 (Se)

Lawson, L. J.: See Palumbo, L. T.

Lawton, R. L.: See Buckwalter, J. A.

Lear, P. E.: See Berliner, S. D.

Lee, S. H.: See Fisher, B.

LeFevre, F. A.: See Young, J. R.

Leffall, L. D.; White, J. E., and Mann, M.: Retroperitoneal fibrosis-two unusual cases, 1070 (De)

Lempke, R. E.: See Kaiser, G. C.

Lepley, D.: See Carey, L. C.

Lesage, M. A.; Tsuchioka, H.; Young, W. G., and Sealy, W. C.: Tolerance of dogs to deep hypothermia, 677 (Oc)

Lillehei, C. W.: See Bilgutay, A. M.; Grismer, J. T.

Linares, C. A.: See Dragstedt, L. R.

Lindsey, E. S.: See Abbott, C. P.

Lipton, I. H.: See Baird, R. J.

Lockwood, W. R.: See Degerli, I. U.

Loefler, I., and Hafner, C. D.: Survival rate in obstructing carcinoma of colon, 716 (Oc)

Loly, P. C. M.: See Pegum, J. M.

Longenecker, C. G., and Krementz, E. T.: Mechlorethamine hydrochloride, 266 (Au)

Lopez, R.: See Sellers, A. M.

Lorimer, W. S.: Occult rupture of the spleen, 434 (Se)

Lovette, J. B.: See Watson, J. R.

Lozman, H.: See Friedman, I. H.

Lulu, D. J.: See Palumbo, L. T.

M

McCredie, J. A.: See Inch, W. R.

McFadden, S.: See Aswaq, M.

McKibbin, B.: Destruction of malignant cells in peritoneal cavity, 691 (Oc)

Maddox, J. R.; Johnson, W. W., and Sergeant, C. K.: Appendectomies in a children's hospital, 223 (Jy)

Maier, N.: See Haimovici, H.

Mann, M.: See Lefall, L. D.

Manzano, C.; Torres, E.; Hall, R. C., and Cobo, A.: Motility of esophagus of dog, 1005 (De)

Marchetta, F. C.: See Sako, K.

Marchioro, T. L.: See Starzl, T. E.

Margileth, A. M., and Fox, L. M.: Coarctation of the aorta, 741 (Oc)

Marmor, L.: Median nerve compression in rheumatoid arthritis, 1008 (De)

Maxwell, J. W.: See Jackson, F. C.

May, A. G.: See DeWeese, J. A.

Mazuji, M. K.; Kalambaheti, K., and Pawar, B.: Prevention of adhesions with polyvinylpyrrolidone, 1011 (De)

Mehl, R. L.; Paul, H. A.; Shorey, W.; Schneewind, J., and Beattie, E. J.: Treatment of "toxemia" after extremity replantation, 871 (No)

Meier, A. L.: Mesenteric artery occlusion with intestinal gangrene [corres.], 755 (Oc)

Meyer, K. A.: See Kozoll, D. D.

Miller, C. F.: See Wayne, L.

Miller, F. A.; DoVale, J., and Gunther, T.: Utilization of inlying pH probe for evaluation of acid-peptic diathesis, 199 (Jy)

Miller, R. E.: Pancreatic pseudocysts in infants and children, 517 (Se)

Mirov, A. G.: The inner cord-systematic approach to inguinal hernia, 1016 (De)

Miyagishima, R. T.: See Baird, R. J.

Moghul, T. H.: See Wojnar, V. S.

Moore, G. E.: See Nadler, S. H.

Moran, J. M.: See Joseph, A. T.

Morton, J. H.; Cramer, L. M., and Schwartz, S. I.: Emergency care of a major civilian disaster, 105 (Jy)

Mowlem, A.: See Cross, F. S.

Mudd, J. G.; Aykent, Y.; Fagan, L.; Shields, J. B.; Davis, M.; Donahoe, J., and Hanlon, C. R.: Untreated, low-pressure ventricular septal defect, 126 (Jy)

Muller, W.: See Smith, L. L.

Murphy, G. P.: See Fishbein, R.

N

Nadler, S. H., and Moore, G. E.: Fluorouracil colon-rectum adjuvant chemotherapy, 592 (Oc)

Najafi, H.; Javid, H.; Dye, W. S.; Hunter, J. A., and Julian, O. C.: Kinked internal carotid artery, 134 (Jy)

Neville, W. E.; Spinazzola, A.; Scicchitano, L. P., and Langston, H. D.: Tracheostomy and assisted ventilation, 149 (Jy)

Nichols, G. B.: See Burke, E. N.

Niguidula, F. N., and Thomson, N. B.: Bacterial infections in the heart, 669 (Oc)

Nora, P. F.; Kukral, J. C., and Preston, F. W.: Infusion chemotherapy for abdominal malignancies, 735 (Oc)

Norton, L. W., and Spencer, F. C.: Long-term comparison of vein patch with direct suture, 1083 (De)

Nyhus, L. M.: See Condon, R. E.

O

O'Neal, R. M.: See DeBakey, M. E.

P

Palumbo, L. T.; Sharpe, W. S.; Lulu, D. J.; Bloom, M. H.; Dragstedt, L. R., and Lawson, L. J.: Distal antrectomy with vagectomy, 637 (Oc)

Pate, J. W., and Birdsong, S.: Carotid air embolism, 685 (Oc)
and Wilson, H.: Arterial injuries of the base of the neck, 1106 (De)

Paul, H. A.: See Mehl, R. L.

Pawar, B.: See Mazuji, M. K.

Peck, D. A., and Jackson, F. C.: Splenectomy after surgical trauma, 54 (Jy)

Pegum, J. M.; Loly, P. C. M., and Falkiner, N. McI.: Development and classification of anorectal anomalies, 481 (Se)

Pellett, J. R.: Colon interposition for esophageal bypass or replacement, 169 (Jy)

Perez-Mesa, C.: See Glass, R. L.

Perry, J. F.: See Blanchard, R. J.

Plimpton, N. C.: Clostridium perfringens infection, 499 (Se)

Polivy, C., and Rosenthal, I. I.: Squamous metaplasia and papillomatosis of rectum, 1077 (De)

Polk, H. C.; Spratt, J. S.; Bennett, D.; Copher, G. H., and Butcher, H. R.: Surgical mortality and survival from colonic carcinoma, 16 (Jy)

Pollock, L.; Kjartansson, K. B.; Delin, N. A., and Schenk, W. G.: Regional blood flow alterations, 344 (Au)

Ponka, J. L., and Shaalan, A. K.: Changing aspects in surgery of diverticulitis, 31 (Jy)

Postlethwait, R. W., and Dillon, M. L.: Idophor for presurgical skin antisepsis, 462 (Se)

Preston, F. W.: See Nora, P. F.

Preez, A. R.: See Harrison, J. H.

Prohaska, J. V.; Greer, D., and Ryan, J. F.: Acute dilatation of the colon in ulcerative colitis, 24 (Jy)

Prudden, J. F.: Wound healing produced by cartilage preparations, 1046 (De)

Q

Quintana, R.; Kohatzu, S.; Woodward, E. R., and Dragstedt, L. R.: Mechanism of duodenal inhibition of gastric secretion, 585 (Oc)
See Dragstedt, L. R.

Qureshi, M. A.; Hafner, C. D., and Dorchak, J. R.: Nonparasitic cysts of the spleen, 570 (Se)

R

Rabinovitz, M.: See Fisher, B.

Raffensperger, J.; Driscol, J. F.; Sutton, G. C., and Weinberg, M.: Myocardial biopsy, 1021 (De)

Ray, R. D.: See Freiberg, R. A.

Reagan, J. R.: See Drucker, W. R.

Redington, J. V.: See Stoney, R. J.

Redo, S. F.: See Holswade, G. R.

Rey-Baltar, and Errazu, D.: Unusual outcome of Steinman wire, 1024 (De)

Rhea, W. G.; Killen, D. A., and Foster, J. H.: Protection against nephrotoxicity of iothalmic acid, 294 (Au)

Richards, V.: See Aswaq, M.

Rifkind, D.: See Starzl, T. E.

Rob, C. G.: See DeWeese, J. A.

Roe, B. B.: See Stoney, R. J.

Roseman, D. L.: See Bader, K. F.

Rosenthal, I. I.: See Polivy, C.

Rubin, J. M.: See Friedman, I. H.

Rupe, C. E.: See Couris, G. D.

Rush, B. F.: See Fishbein, R.

Ryan, J. F.: See Prohaska, J. V.

S

Saigal, R. K.: See Khanna, S. D.

Sakai, A.: See Fisher, B.

Sako, K.: Gerszi, K., and Marchetta, F. C.: Nutritional effects of short reversed jejunal segment, 1102 (De)

Saliba, N. S.: See Larsen, R. R.

Sawyer, K. C.: See Larsen, R. R.

Scarano, D.: See Wojnar, V. S.

Schechter, M. M.: See Conley, J. J.

Schenk, W. G.; Delin, N. A.; Domanig, E.; Hahnloser, P., and Hoyt, R. K.: Blood viscosity as a determinant of regional blood flow, 783 (No)
See Pollock, L.

Schneewind, J.: See Mehl, R. L.

Schwartz, S. I.: See Morton, J. H.

Scicchitano, L. P.: See Neville, W. E.

Sealy, W. C.: See Lesage, M. A.

Searle, N. B.: See Law, S. W.

Sebus, J., Charbon, G. A.: Spontaneous nocturnal gastric secretion—acid, pepsin, 709 (Oc)

Sellers, A. M.; Barrett, J. S.; Wolferth, C. C.; Lopez, R.; Itskovitz, H. D.; Blakemore, W. S., and Zintel, H. A.: Adrenalectomy and sympathectomy for hypertension, 880 (No)

Sergeant, C. K.: See Maddox, J. R.

Shaalan, A. K.: See Ponka, J. L.

Sharpe, W. S.: See Palumbo, L. T.

Shields, J. B.: See Mudd, J. G.

Shields, T. W.: Lobectomy in treatment of bronchogenic carcinoma, 144 (Jy)

Shiffman, M. A., and Juler, G.: Carcinoid of the biliary tract, 1113 (De)
Karlan, M. S.; Snyder, W. H., and Kaplan, S. A.: Gastrointestinal installation of blood, 411 (Se)

Shoemaker, W. C.: See Baker, R. J.

Shorey, W.: See Mehl, R. J.

Shumacker, H. B., and Kilman, J. W.: Sympathectomy in the treatment of frostbite, 575 (Se)
See Kaiser, G. C.

Siegel, J. H., and Sonnenblick, E. H.: Quantification and prediction of myocardial failure, 1026 (De)

Silver, C. E.; Aquilizan, H. A., and Hurwitt, E. S.: Experimental ascites, 428 (Se)

Silverstein, M.: See Katz, W.

Simeone, F. A.: See Hopkins, R. W.

Singh, G.: See Khanna, S. D.

Smith, L. L.; Muller, W., and Hinshaw, D. B.: The management of experimental endotoxin shock, 630 (Oc)

Smith, R. F.: See Szilagyi, D. E.

Snyder, W. H.: See Shiffman, M. A.

Sonnenblick, E. H.: See Siegel, J. H.

Soper, R. T., and Brown, M. J.: Recurrent acute intussusception in children, 188 (Jy)

Soren, A.: Hip salvage by pelvic support osteotomy, 656 (Oc)

Spencer, F. C.: See Norton, L. W.

Spencer, R. J.: See Kline, R. J.

Spinazzola, A.: See Neville, W. E.

Spratt, J. S.: See Glass, R. L.; Polk, H. C.

Stansel, H. C.: Synthetic inferior vena cava grafts, 1096 (De)

Starzl, T. E.; Marchioro, T. L.; Dickinson, T. C.; Rifkind, D.; Stonington, O. G., and Waddell, W. R.: Technique of renal homotransplantation, 87 (Jy)

Steele, D.: See Delarue, N. C.

Steinman, C.: See Haimovici, H.

Sterns, L. P.: See Bilgutay, A. M.

Stoney, R. J.; Roe, B. B., and Redington, J. V.: Rupture of thoracic aorta due to closed-chest trauma, 840 (No)

Stonington, O. G.: See Starzl, T. E.

Strohl, E. L.: The fascinating Lady Mary Wortley Montagu, 554 (Se)
See Baker, R. J.

Sutherland, R. D.; Bitter, J. E., and Hitchcock, C. R.: Rebound hyperacidity after gastric freezing, 208 (Jy)

Sutton, G. C.: See Raffensperger, J.

Suzuki, F.: See Baker, R. J.

Szilagyi, D. E.; Smith, R. F., and Elliott, J. P.: Venous autografts in femoropopliteal arterioplasty, 113 (Jy)
Smith, R. F., and Whitney, D. G.: The durability of aorto-iliac endarteriectomy, 827 (No)

Szujewski, H. A.: The treatment and rehabilitation of patients, 1063 (De)

T

Takaro, T.: The American and the Russian vascular staplers, 536 (Se)

Tank, E. S.; Frittelli, G.; Vawter, G. F., and Bernhard, W. F.: Hepatic afferent vascular occlusion, 340 (Au)

Tarnay, T. J.: See Watne, A. L.

Taybi, H.: See Judd, D. R.

Thal, A. P.: See Katz, W.

Thomas, A. N.: See Vonruden, W. J.

Thompson, D.: See Delarue, N. C.

Thompson, N. W., and Fry, W. J.: Thyroid crisis, 512 (Se)

Thomson, N. B.: See Niguidula, F. N.

Tidrich, R. T.: See Buckwalter, J. A.

Tomiyasu, U.: See Hurvitz, S. A.

Torres, E.: See Cobo, A.; Manzano, C.

Tsuchioka, H.: See Lesage, M. A.

V

Van de Berg, L.: See DeWeese, J. A.

Vawter, G. F.: See Tank, E. S.

Viskos, J. D.: See Ellis, P. R.

Vonruden, W. J.; Blaisdell, F. W.; Hall, A. D., and Thomas, A. N.: Multiple arterial stenoses: effect on blood flow, 307 (Au)

W

Waddell, W. R.: See Starzl, T. E.

Walker, E. E., and Grove, W. J.: Gastroduodenal ulcers in children with brain disease, 559 (Se)

Wang, M. C. H.: See Jacobson, J. H.

Watkins, D. H.: See Callaghan, P. B.

Watkins, G. L.: Bone formation in abdominal scars after xiphoidectomy, 731 (Oc)

Watne, A. L.; Butz, G. R., and Tarnay, T. J.: Duodenal obstruction due to intramural hematoma, 441 (Se)

Watson, J. R., and Lovette, J. B.: A technique for cholecystectomy, 1037 (De)

Watters, N.: See Delarue, N. C.

Wayne, L.; Miller, C. F., and Bowers, R. F.: Giant seborrheic keratosis, 1116 (De)

Webb, W. R.: See Degerli, I. U.

Weinberg, M.: See Raffensperger, J.

Welch, H. F., and Attarian, E.: Intragastric amylase activity and dumping syndrome, 203 (Jy)

White, J. E.: See Leffall, L. D.

Whitney, D. G.: See Szilagyi, D. E.

Wilder, R. J.: See Fishbein, R.

Williams, K. R., and Johnson, J.: Aortic dissection after femoral artery cannulation, 663 (Oc)

Willman, V. L.: See Cooper, T.

Wilson, H.: See Pate, J. W.

Wojnar, V. S.; German, A. I.; Moghul, T. H., and Scarano, D.: Liver, spleen, and kidney wounds, 237 (Au)

Wolferth, C. C.: See Sellers, A. M.

Wong, S. H.: See Ellis, P. R.

Woods, L. P.: See Collins, H. A.

Woodward, E. R.: See Quintana, R.

Woodward, S. C.: See Cameron, J. L.

Wray, J. B.: See Zeidman, H.

Y

Yamaki, T.: See Jacobson, J. H.

Young, J. R.; Humphries, A. W.; DeWolfe, V. G.; Beven, E. G., and LeFevre, F. A.: Extracranial cerebrovascular disease treated surgically, 848 (No)

Young, W. G.: See Lesage, M. A.

Z

Zeidman, H., and Wray, J. B.: Changes in red cell mass after pelvic fracture, 596 (Oc)

Zintel, H. A.: See Sellers, A. M.

Zuidema, G. D.: Mesenteric artery occlusion with intestinal gangrene [corres.], 755 (Oc)
See Kirsh, M. M.

SUBJECT INDEX TO VOLUME 89

The following Index is an alphabetical list of all significant subjects presented in this volume. Books reviewed are listed alphabetically by main author under the heading "BOOKS." Page numbers in this Index refer to boldface numbers in the text.

A

Abdominal Injuries
and gas gangrene septicemia, unusual case [Canipe], 544 (Se)
and intramural hematoma of small bowel, 2 cases [Judd], 527 (Se)

Abdominal Neoplasms
infusion chemotherapy for abdominal malignancies [Nora], 735 (Oc)

Abnormalities
anorectal, development and classification [Pegum], 481 (Se)

Acidosis
influence on clotting time of heparinized blood [Hardaway], 701 (Oc)

Acute Renal Failure
tromethamine treatment of "toxemia" after extremity replantation [Mehl], 871 (No)

Adhesions, Peritoneal
prevention with polyvinylpyrrolidone [Mazuji], 1011 (De)

Adhesives, Plastic: See also Cyanoacrylates
topical, in experimental repair liver, spleen, and kidney wounds [Wojnar], 237 (Au)

Adrenal Hormones: See Vasoactive Agents

Adrenalectomy
and sympathectomy for hypertension [Sellers], 880 (No)
and glucocorticoid deprived myocardium [Degerli], 457 (Se)

A-8103: See 1,4-Bis (3-Bromopropionyl)-Piperazine

Aircraft Accidents
emergency care of major civilian disaster [Morton], 105 (Jy)

Amylase
intragastric, activity and dumping syndrome [Welch], 203 (Jy)

Anastomotic Staplers: See Staplers

Angiography: See also Carotid Arteries
coronary arteriography, new method under induced hypotension [Bilgutay], 899 (No)
protection against nephrotoxicity of iothalamic acid [Rhea], 294 (Au)

ANNOUNCEMENTS
235 (Jy); 316 (Au); 932 (No)

Antibiotics
prophylaxis in open-heart operations [Holswade], 970 (De)

Anticoagulants: See Heparin

Antineoplastic Agents: See Antimetabolites; 1,4-Bis (3-Promopropionyl)-Piperazine

Antihypertensive Agents: See Trimethaphan

Antimetabolites
infusion chemotherapy for abdominal malignancies [Nora], 735 (Oc)

Antisepsis
inadequacies of present methods of surgical skin preparation [Cole], 215 (Jy)
presurgical, of skin, evaluation of iodophor [Postlethwait], 462 (Se)

Antrectomy: See Gastrectomy

Anus
anomalies, development and classification [Pegum], 481 (Se)
carcinoma associated with fistula-in-ano [Kline], 989 (De)

Aorta
fate of aortic homografts in canine atherosclerosis [Haimovici], 961 (De)

Aorta, Thoracic: See Aortic Rupture

Aorta, Abdominal: See also Aortic Coarctation
durability of aorto-iliac endarteriectomy [Szilagyi], 827 (No)

Aortic Coarctation
abdominal, surgical treatment, case [Baird], 466 (Se)
diagnostic and surgical problems [Margileth], 741 (Oc)

Aortic Rupture
after femoral artery cannulation, case with extracorporeal circulation [Williams], 663 (Oc)
thoracic, due to closed-chest trauma [Stoney], 840 (No)

Appendectomy
in children's hospital, five-year survey [Maddox], 223 (Jy)

Appendicitis
recurrent, incidence and prophylaxis [Befeler], 666 (Oc)

Arteries
fate of dacron grafts [De Bakey], 757 (No)
long-term comparison of vein patch with direct suture in arterial anastomosis [Norton], 1083 (De)

Arteriography: See Angiography

Arteriosclerosis
durability of aorto-iliac endarteriectomy, late recurrence of atherosclerosis [Szilagyi], 827 (No)
fate of aortic homografts in canine atherosclerosis [Haimovici], 961 (De)

Arteriosclerosis Obliterans
evaluation of lumbar sympathectomy [Haimovici], 1089 (De)

Arthritis, Rheumatoid
median nerve compression in [Marmour], 1008 (De)

Ascites
experimental, procedure [Silver], 428 (Se)

Atherosclerosis: See Arteriosclerosis

Autografts: See Femoral Veins; Transplantation

AWARDS
Philadelphia Award to John H. Gibbon, 235 (Jy)

Azotemia
gastrointestinal instillation of blood, effects on liver functions and urea nitrogen [Shiffman], 411 (Se)

B

Bacteremia: See Septicemia

Bacteria, Gram-Negative
hypothermia in bacteremic shock [Blair], 619 (Oc)

Bile Ducts, Intrahepatic
intrahepatic calculi [Cobo], 936 (De)
intrahepatic diverticulum—common hepatic bile duct [Jackson], 706 (Oc)

Biliary-Enteric Fistula: See Fistula, Cholecystoduodenal

Biopsy
myocardial [Raffensperger, 1021 (De)

Blalock, Alfred, 1899-1964
and our heritage, tribute [Allen], 929 (No)

Bladder
epithelium and bone formation induction in lumbar fascia [Anspach], 446 (Se)

Blood
circulating "cancer cells" [Delarue], 392 (Au)

Blood Cells: See Erythrocyte Volume

Blood Circulation
microcirculation during hypothermia [Bond], 887 (No)

Blood Coagulation
clotting time of heparinized blood, influence of acidosis [Hardaway], 701 (Oc)

Blood Flow
effect of multiple arterial stenoses on, experimental study, 307 (Au)
regional alterations, changes produced by vasoconstrictor and adrenergic blocking agent in hemorrhagic shock [Pollock], 344 (Au)
viscosity as determinant of regional blood flow [Schenk], 783 (No)

Blood Vessels Transposition
complete transposition of great vessels, results of surgical treatment [Hallman], 891 (No)

Blood Viscosity
as determinant of regional blood flow [Schenk], 783 (No)

Blood Volume: See Dextran

Bone: See also Osteogenesis
studies of devitalized bone implants [Freiberg], 417 (Se)

Bone, Heterotopic: See Myositis Ossificans

Bradykinin
production, trypsin release and shock in experimental and human pancreatitis [Katz], 322 (Au)

Brain Neoplasms
with gastroduodenal ulcers in children [Walker], 559 (Se)

Breast Neoplasms
pleural effusion, simplified management [Kinsey], 389 (Au)

1, 4-Bis (3-Bromopropionyl)-Piperazine
experimental use in destruction of malignant cells in peritoneal cavity [McKibbin], 691 (Oc)

Bronchial Fistula
congenital esophagobronchial fistula [Frater], 949 (De)

C

Carcinoid
of biliary tract, case [Shiffman], 1113 (De)

Carcinoma
associated with fistula-in-ano [Kline], 989 (De)
bronchogenic, lobectomy in, autopsy evaluation [Shields], 144 (Jy)
colonic, surgical mortality and survival [Polk], 16 (Jy)
colon-rectum, adjuvant fluorouracil chemotherapy [Nadler], 592 (Oc)
obstructing, of colon, survival rate [Loefler], 716 (Oc)
of pancreas and of ampulla of Vater, pancreatoduodenectomy in [Buckwalter], 331 (Au)

Carcinoma, Brown-Pearce
radioactive isotopes for adjuvant cancer therapy [Arie], 244 (Au)

Carcinoma, Epidermoid
of lower extremities [Glass], 955 (De)

Carcinoma 256, Walker
destruction of malignant cells in peritoneal cavity by use of chemotherapeutic agent [McKibbin], 691 (Oc)
transplantable lung cancer in rats [Farpour], 942 (De)

Cardiac Conduction System Locator: See Electrodiagnosis

Cardiopulmonary Bypass
caval catheter modifications [Grismer], 1111 (De)
in surgical management acute pulmonary embolism [Cross], 159 (Jy)

Carotid Arteries
air embolism in cats, experimental study [Pate], 685 (Oc)
angiography in head and neck surgery [Conley], 609 (Oc)
arterial injuries of the base of the neck [Pate], 1106 (De)
multiple experimental stenoses, effect on blood flow [Vonruden], 307 (Au)

Carotid Artery Diseases
extracranial cerebrovascular disease treated surgically [Young], 848 (No)
kinked internal carotid, clinical evaluation and surgical correction [Najafi], 134 (Jy)

Cartilage
wound healing produced by cartilage preparations [Prudden], 1046 (De)

Cerebroarterial Occlusions, Extracranial
treated surgically, study of 100 patients [Young], 848 (No)

Chemotherapy
infusion chemotherapy for abdominal malignancies [Nora], 735 (Oc)

Cholecystectomy
complicated by Clostridium perfringens infection [Plimpton], 499 (Se)
technique [Watson], 1037 (De)

Chromium Isotopes
radiochromate measurement changes in red cell mass after pelvic fracture [Zeidman], 596 (Oc)

Cicatrix
abdominal, after xiphoidectomy, bone formation in [Watkins], 731 (Oc)

Clavicle
fractured, migration of Steinman pin to lung, case [Rey-Baltar], 1024 (De)

Clostridium Perfringens
infection, complication of gallbladder surgery [Plimpton], 499 (Se)

Colitis, Ulcerative
acute dilatation of the colon in [Prohaska], 24 (Jy)

Collagen Diseases
gastrointestinal complications, surgical implications [Couris], 695 (Oc)

Colon
hemorrhage, spontaneous intramural, associated with anticoagulants [Gabriele], 522 (Se)
interposition for esophageal bypass or replacement [Pellett], 169 (Jy)
retrograde intussusception [Joseph], 979 (De)
surgery, use and abuse of intraperitoneal drains [Berliner], 686 (Oc)

Colonic Neoplasms
carcinoma, surgical mortality and survival [Polk], 16 (Jy)
fluorouracil adjuvant chemotherapy [Nadler], 592 (Oc)
obstructing carcinoma, survival rate [Loefler], 716 (Oc)

Common Bile Duct
intrahepatic diverticulum — common hepatic bile duct, 706 (Oc)
surgical anatomy [Kune], 995 (De)

Common Bile Duct Calculi
and intrahepatic calculi [Cobo], 936 (De)

Conductimeter: See Electrodiagnosis

Contrast Media: See Iothalamic Acid

Cooling: See Hypothermia, Induced

Coronary Vessels
arteriography, new method under induced hypotension [Bilgutay], 899 (No)

Cyanoacrylates
as plastic tissue adhesive in pancreatic wounds, experimental studies [Cameron], 546 (Se)
pulmonary segmental resection with Kodak 910 monomer [Hurvitz], 975 (De)

Cysts
nonparasitic of spleen, 14 cases [Qureshi], 570 (Se)

D

Dacron
fate of arterial grafts [De Bakey], 757 (No)
synthetic inferior vena cava grafts [Stansel], 1096 (De)

Dextran
blood volume expansion, circulatory effects in management experimental endotoxin shock, 630 (Oc)
low molecular weight, therapy in surgical shock [Baker] part 1, 373 (Au); part 2, 379 (Au)

Diaphragmatic Hernia
hiatal hernia complex [Berman], 179 (Jy)
utilization on inlying pH probe for evaluation acid-peptic diathesis [Miller], 199 (Jy)

Dibenzyline: See Phenoxybenzamine

Disasters
emergency care of major civilian disaster [Morton], 105 (Jy)

Dissection
pulmonary segmental resection with Kodak 910 monomer [Hurvitz], 975 (De)

Diverticulitis, Colonic
surgery, changing aspects [Ponka], 31 (Jy)

Drainage
use and abuse of intraperitoneal drains in colon surgery [Berliner], 686 (Oc)

Dumping Syndrome
and intragastric amylase activity [Welch], 203 (Jy)

Duodenal Diseases
regional enteritis, case and review literature [Law], 562 (Se)

Duodenal Obstruction
due to intramural hematoma, preoperative diagnosis, case [Watne], 441 (Se)

Duodenal Ulcer
chronic, hemorrhaging, results of distal antrectomy with vagectomy [Palumbo], 637 (Oc)
gastric freezing and rebound hyperacidity [Sutherland], 208 (Jy)
spontaneous nocturnal gastric secretion —acid, pepsin [Sebus], 709 (Oc)

Duodenum
mechanism of inhibition of gastric secretion [Quintana], 585 (Oc)

E

Education, Medical
fragmentation [Harbison], 1 (Jy)

Electrodiagnosis
relative electrical impedance as index to intestinal viability, use of cardiac conduction system locator [Carey], 226 (Jy)

Embolism, Air
carotid air embolism in cats, experimental study [Pate], 685 (Oc)

Endarterectomy
aorto-iliac, durability, study of late recurrence of atherosclerosis [Szilagyi], 827 (No)

Endocarditis, Bacterial
bacterial infections in the heart, experimental study on influence of silk and synthetic sutures [Niguidula], 669 (Oc)

Endotoxins: See Salmonella Enteritidis

Enteritis
regional of duodenum, case and review literature [Law], 562 (Se)

Entobiliary Fistula: See Fistula, Cholecystoduodenal

Enzyme Inhibitors: See Trypsin Inhibitors

Enzymes, Proteolytic: See Trypsin

Erythrocyte Volume
changes in red cell mass after pelvic fracture [Zeidman], 596 (Oc)

Esophagitis, Peptic
hiatal hernia complex [Berman], 179 (Jy)
utilization of inlying pH probe for evaluation [Miller], 199 (Jy)

Esophagus
colon interposition for bypass or replacement [Pellett], 169 (Jy)
congenital esophagobronchial fistula [Frater], 949 (De)
effects of high vagotomy on motility, in dog [Manzano], 1005 (De)

Extracorporeal Circulation: See also Cardiopulmonary Bypass; Pump Oxygenation
aortic dissection after femoral artery cannulation, case with extracorporeal circulation [Williams], 663 (Oc)

F

Fascia
bone formation in, induced by bladder epithelium [Anspach], 446 (Se)

Fatigue
in gastrin mechanism [Dragstedt], 1042 (De)

Femoral Artery
cannulation and aortic dissection, case with extracorporeal circulation [Williams], 663 (Oc)
reconstructive procedures in advanced ischemia [Harrison], 817 (No)
stenoses of arteries of the lower extremity [DeWeese], 806 (No)

Femoral Veins
venous autograft replacement of deep veins of leg, experimental [Baird], 797 (No)

Femoral Vessels
venous autografts in femoropopliteal arterioplasty [Szilagyi], 113 (Jy)

Femur
osteotomy, hip salvage by [Soren], 656 (Oc)
studies of devitalized bone implants [Freiberg], 417 (Se)

Fibrosis
retroperitoneal, two unusual cases [Leffall], 1070 (De)

Fissure In Ano
associated with carcinoma [Kline], 989 (De)

Fistula, Cholecystoduodenal
and jaundice, unusual case [Friedman], 540 (Se)

Fluorouracil
adjuvant chemotherapy in colon-rectum cancer [Nadler], 592 (Oc)

Foreign Bodies
importance of preoperative scout films [Burke], 933 (De)

Fracture Fixation
migration of Steinman pin from fractured clavicle to right lung, case [Rey-Baltar], 1024 (De)

Fractures
pelvic, changes in red cell mass [Zeidman], 596 (Oc)

Freezing: See Hypothermia, Induced

Frostbite
sympathectomy in treatment [Shumacker], 575 (Se)

Fructose
oral, evaluation use in determining patency of portacaval shunts [Kirsh], 508 (Se)

G

Gallbladder: See also Cholecystectomy
carcinoid of biliary tract, case [Shiffman], 1113 (De)
cholecystoduodenal fistula and obstructive jaundice due to prolapsed gallbladder polyp [Friedman], 540 (Se)

Gas Gangrene
septicemia, unusual case [Canipe], 544 (Se)

Gastrectomy: See also Postgastrectomy Syndromes
distal antrectomy with vagectomy in chronic hemorrhaging duodenal ulcer [Palumbo], 637 (Oc)

Gastric Acidity
rebound hyperacidity after gastric freezing for peptic ulcer [Sutherland], 208 (Jy)
utilization of inlying pH probe for evaluation of acid-peptic diathesis [Miller], 199 (Jy)

Gastric Juice: See also Stomach, Gastric Juice Inhibition
changes in gastric secretion induced by urea infusions and nephrectomy [Fishbein], 273 (Au)
question of fatigue in the gastrin mechanism [Dragstedt], 1042 (De)
spontaneous nocturnal secretion acid & pepsin in patients with or without duodenal ulcer [Sebus], 709 (Oc)

Gastroduodenal Ulcer: See Peptic Ulcer

Gastroenterostomy
internal hernia after gastrojejunostomy [Larsen], 725 (Oc)

Gastrointestinal Disorders
complications of collagen diseases, surgical implications [Couris], 695 (Oc)
foreign bodies, importance of preoperative scout films [Burke], 933 (De)

Germicides: See Iodine

Gibbon, John H.
receives Philadelphia Award, 235 (Jy)

Glucocorticoids
deprived myocardium [Degerli], 457 (Se)

Grafts: See Dacron; Transplantation

H

Head Neoplasms
angiography in head and neck surgery [Conley], 609 (Oc)

Heart
myocardial biopsy [Raffensperger], 1021 (De)
transplantation, alterations in morphology [Cooper], 915 (No)
transplantation in rat, technique for [Abbott], 645 (Oc)

Heart, Mechanical
orthophasic postsystolic myocardial augmentation, application to treatment of shock [Callaghan], 354 (Au)

Heart Catheterization
untreated, low-pressure ventricular septal defect, repeated catheterization [Mudd], 126 (Jy)

Heart Defects, Congenital
in adult, surgical treatment [Coles], 130 (Jy)

Heart Failure
experimental, in dogs [Ellis], 299 (Su)
quantification and prediction of myocardial failure [Siegel], 1026 (De)

Heart Function Tests
quantification and prediction of myocardial failure [Siegel], 1026 (De)

Heart Septal Defects, Ventricular
untreated, low-pressure defect, repeated cardiac catheterization [Mudd], 126 (Jy)

Heart Surgery
antibiotic therapy in open-heart operations [Holswade], 970 (De)
bacterial infections, experimental study on influence of silk and synthetic sutures, 669 (Oc)

Hematoma
intramural causing duodenal obstruction, preoperative diagnosis, case [Watne], 441 (Se)
intramural of small bowel, 2 cases & review literature [Judd], 527 (Se)

Hemorrhage, Gastrointestinal
experience with local gastric cooling [Cushman], 719 (Oc)
gastrointestinal instillation of blood, effects on liver functions and urea nitrogen [Shiffman], 411 (Se)
necrosis of intestine without organic vascular occlusion [Drucker], 42 (Jy)
spontaneous intramural hemorrhage of the colon [Gabriele], 522 (Se)

Heparin
anticoagulation and spontaneous intramural hemorrhage of colon [Gabriele], 522 (Se)
clotting time of heparinized blood, influence of acidosis [Hardaway], 701 (Oc)

Hernia, Internal
postgastrectomy internal hernia [Larsen], 725 (Oc)

Hexachlorophene
compared with iodophor for presurgical skin antisepsis [Postlethwait], 462 (Se)

Hiatal Hernia: See Diaphragmatic Hernia

Hip Joint
salvage by pelvic support osteotomy [Soren], 656 (Oc)

Homotransplantation: See Transplantation

Hospital Emergency Service
care of major civilian disaster [Morton], 105 (Jy)

Tris (Hydroxymethyl) Aminomethane
treatment of "toxemia" after extremity replantation [Mehl], 871 (No)

Hypertension
adrenalectomy and sympathectomy for, ten year survival [Sellers], 880 (No)

Hypertension, Portal
decompression by thoracic ileopexy [Bader], 228 (Jy)

Hypotension
induced, in new method of coronary arteriography [Bilgutay], 899 (No)

Hypothermia, Induced
experience with local gastric cooling [Cushman], 719 (Oc)
gastric freezing, clinical evaluation [Kauvar], 985 (De)
gastric freezing for duodenal ulcer, rebound hyperacidity [Sutherland], 208 (Jy)
high speed cinematograph studies of microcirculation in [Bond], 887 (No)
in bacteremic shock [Blair], 619 (Oc)
progress in gastric freezing [Goodale], 1060 (De)

Hypothermia, Induced—continued
tolerance of dogs to deep hypothermia controlled and maintained with a pump oxygenator [Lesage], 677 (Oc)
tolerance of hepatic afferent vascular occlusion in [Tank], 340 (Au)

I

Ileum
thoracic ileopexy for portal hypertension [Bader], 228 (Jy)

Iliac Artery
durability of aorto-iliac endarteriectomy [Szilagyi], 827 (No)
stenoses of arteries of the lower extremity [DeWeese], 806 (No)

Immunology
autologous cancer vaccine, response [Aswaq], 485 (Se)

Infant Diseases
ectopic meningioma, case [Khanna], 752 (Oc)

Infusions, Arterial
chemotherapy for abdominal malignancies [Nora], 735 (Oc)

Inguinal Hernia
inner cord, systematic approach [Mirov], 1016 (De)

Injury, Chest Injury
rupture of thoracic aorta due to closed-chest trauma [Stoney], 840 (No)

Injury, Surgical Wounds
of spleen, splenectomy after surgical trauma [Peck], 54 (Jy)

Intestinal Diseases
gangrene in mesenteric artery occlusion [Meier], 755 (Oc)
gangrene in mesenteric artery occlusion (corres.) [Zuidema], 755 (Oc)

Intestinal Obstruction
obstructing gastroduodenal ulcer [Kozoll], 491 (Se)
shock after long-loop strangulation obstruction [Barnett], 270 (Au)
survival rate in obstructing carcinoma of colon [Loefler], 716 (Oc)

Intestine, Small
intramural hematoma of the small bowel [Judd], 527 (Se)

Intestines
viability, relative electrical impedance as index [Carey], 226 (Jy)

Intussusception
recurrent, acute, in children [Soper], 188 (Jy)
retrograde colonic [Joseph], 979 (De)

Iodine
iodophor for presurgical skin antisepsis [Postlethwait], 462 (Se)

Iothalamic Acid
nephrotoxicity, protection against [Rhea], 294 (Au)

Ischemia
advanced of leg, arterial reconstruction in [Harrison], 817 (No)

J

Jaundice, Obstructive
and cholecystoduodenal fistula, unusual case [Friedman], 540 (Se)

Jejunum
nutritional effects of short reversed jejunal segment [Sako], 1102 (De)

K

Kidney Disorders
protection against nephrotoxicity of iothalamic acid [Rhea], 294 (Au)

Kidney Transplantation
technique of homotransplantation, 42 cases [Starzl], 87 (Jy)

Kidney Wounds and Injuries
topical adhesive, experimental repair [Wojnar], 237 (Au)

Kinin: See Bradykinin

Kodak 910 Monomer: See Cyanoacrylates

L

Leg Neoplasms
epidermoid carcinomas [Glass], 955 (De)

Leukocytosis
in diagnosis occult rupture of the spleen [Lorimer], 434 (Se)

Levonorepinephrine
effect on regional blood flow alterations in hemorrhagic shock [Pollock], 344 (Au)

Liver Circulation
isolated perfused bovine liver, responses to common vasoactive drugs [Condon], 602 (Oc)

Liver Function
effects of gastrointestinal instillation of blood [Shiffman], 411 (Se)

Liver Ischemia and Hypoxia
hepatic afferent vascular occlusion, tolerance in normothermic and hypothermic animals [Tank], 340 (Au)

Liver Wounds and Injuries
topical adhesives, experimental repair [Wojnar], 237 (Au)

Lung
migration of Steinman pin from fractured clavicle to right lung, case [Rey-Baltar], 1024 (De)
segmental resection with Kodak 910 monomer [Hurvitz], 975 (De)

Lung Neoplasms
effect of mechlorethamine hydrochloride on healing of bronchial stump, experimental study [Longenecker], 266 (Au)
lobectomy in bronchogenic carcinoma, autopsy evaluation [Shields], 144 (Jy)
pleural effusion, simplified management [Kinsey], 389 (Au)
transplantable lung cancer in rats [Farpour], 942 (De)

Lupus Erythematosus, Systemic
gastrointestinal complications, surgical implications [Couris], 695 (Oc)

M

Mechlorethamine
hydrochloride, effect on healing of bronchial stump [Longenecker], 266 (Au)
hydrochloride, in simplified management malignant pleural effusion [Kinsey], 389 (Au)

Median Nerve
compression in rheumatoid arthritis Marmour], 1008 (De)

Megacolon, Toxic
acute dilatation of the colon in ulcerative colitis [Prohaska], 24 (Jy)

Meningioma
ectopic, in infant, case [Khanna], 752 (Oc)

Meningitis
with gastroduodenal ulcers in children [Walker], 559 (Se)

Mersilene Sutures: See Sutures

Mesenteric Vascular Occlusion
with intestinal gangrene (corres.) [Meier], 755 (Oc)
with intestinal gangrene (corres.) [Zuidema], 755 (Oc)

Mesenteric Vessels
hemorrhagic necrosis of intestine without organic vascular occlusion [Drucker], 42 (Jy)

Metastasis
radioactive isotopes for adjuvant cancer therapy [Ariel], 244 (Au)

Montagu, Lady Mary Wortley, 1689-1762
fascinating woman, sponsor of smallpox innoculation [Strohl], 554 (Se)

Motion Pictures
microcirculation during hypothermia [Bond], 887 (No)

Myocardial Infarct
diffuse, effect of hyperbaric oxygenation in [Jacobson], 905 (No)
experimental heart failure in dogs [Ellis], 299 (Au)

Myocardium
biopsy [Raffensperger], 1021 (De)
glucocorticoid, deprived, enzymatic & electron microscopic studies [Degerli], 457 (Se)

Myositis Ossificans
in abdominal scars after xiphoidectomy [Watkins], 731 (Oc)

N

Neck
arterial injuries of the base of the neck [Pate], 1106 (De)

Neck Neoplasms
angiography in head and neck surgery [Conley], 609 (Oc)

Necrosis
hemorrhagic, of intestine without organic vascular occlusion [Drucker], 42 (Jy)

Neoplasm Radiotherapy
preoperative use of single dose of x-rays, local cancer recurrence [Inch], 398 (Au)
radioactive microspheres in treatment experimental tumors [Blanchard], 406 (Au)

Neoplasm Recurrence
Preoperative use of single dose of x-rays in prevention [Inch], 398 (Au)

Neoplasms
immunologic response to autologous cancer vaccine [Aswaq], 485 (Se)

Neoplastic Cells
circulating "cancer cells" [Delarue], 392 (Au)

Nephrectomy
changes in gastric secretion induced by urea infusions and nephrectomy [Fishbein], 273 (Au)

Nephrotoxins: See Iothalamic Acid

NEWS AND COMMENT
932 (No)

Nitrogen Mustard Compounds: See also Mechlorethamine
effect on transplantable lung cancer in rats [Farpour], 942 (De)

Nose Neoplasms
ectopic meningioma in infant, case [Khanna], 752 (Oc)

Nutrition
effects of a short reversed jejunal segment [Sako], 1102 (De)

O

Operative Complications: See Injury, Surgical Wounds

Ossification: See also Myositis Ossificans

Osteogenesis
bone formation induced by epithelium of urinary bladder [Anspach], 446 (Se)

Oxygenation
hyperbaric, in diffuse myocardial infarction [Jacobson], 905 (No)

P

Pancreas
wounds sealed with plastic adhesive, experimental study [Cameron], 546 (Se)

Pancreatic Cyst
pseudocysts, evaluation surgical management [Kaiser], 275 (Au)
pseudocysts in infants and children [Miller], 517 (Se)

Pancreatic Neoplasms
pancreatoduodenectomy in [Buckwalter], 331 (Au)

Pancreatitis
acute hemorrhagic in dogs, effects of trypsin inhibitor [Kelly], 317 (Au)
experimental and human, trypsin release, kinin production, and shock, relationships [Silverstein], 322 (Au)

Papilloma
squamous metaplasia and papillomatosis of rectum [Polivy], 1077 (De)

Parathyroid Gland
homotransplantation by vascular anastomosis, effect of immunosuppressive drugs [Fisher], 65 (Jy)

Parotitis
postoperative, suppurative [Lary], 653 (Oc)

Pelvis
fracture, changes in red cell mass [Zeidman], 596 (Oc)
hip salvage by pelvic support osteotomy [Soren], 656 (Oc)

Pentobarbital
quantification and prediction of myocardial failure induced by pentobarbital [Siegel], 1026 (De)

Pepsin
spontaneous nocturnal gastric secretion in patients with or without duodenal ulcer [Sebus], 709 (Oc)

Peptic Ulcer: See also Duodenal Ulcer
gastric freezing, clinical evaluation [Kauvar], 985 (De)
obstructing gastroduodenal ulcer, symptoms and signs [Kozoll], 491 (Se)

Peptic Ulcer, Hemorrhage: See also Duodenal Ulcer
massively bleeding gastroduodenal ulcers, effects treatment on morbidity and mortality [Kozoll], 250 (Au)

Peptic Ulcer, Perforation
in children with brain disease [Walker], 559 (Se)

Perfusion, Isolation-Perfusion
isolated perfused bovine liver, responses to common vasoactive drugs [Condon], 602 (Oc)

Pericarditis, Constrictive
chronic, late results of pericardiectomy in [Collins], 921 (No)

Perineum
one-stage repair of rectal prolapse [Altemeier], 6 (Jy)

Peritoneal Cavity
destruction of malignant cells in, experimental use of chemotherapeutic agent [McKibbin], 691 (Oc)
use and abuse of intraperitoneal drains in colon surgery [Berliner], 686 (Oc)

Phenoxybenzamine: See also Vasoactive Agents
effect on regional blood flow alterations in hemorrhagic shock [Pollock], 344 (Au)

Pleural Effusions
malignant, simplified management [Kinsey], 389 (Au)

Pneumonectomy
in bronchogenic carcinoma, autopsy evaluation [Shields], 144 (Jy)
mechlorethamine hydrochloride, effect on healing of bronchial stump [Longenecker], 266 (Au)

Polyvinylpyrrolidone
in prevention of adhesions [Mazuji], 1011 (De)

Popliteal Artery
reconstructive procedures in advanced ischemia [Harrison], 817 (No)
venous autografts in femoropopliteal arterioplasty [Szilagyi], 113 (Jy)

Portacaval Anastomosis
evaluation oral fructose test in determining patency [Kirsh], 508 (Se)

Postgastrectomy Complications: See also Dumping Syndrome
internal hernia [Larsen], 725 (Oc)
early complications, particularly delayed gastric emptying [Gardner], 475 (Se)

Postoperative Complications
appendectomies in children's hospital, five-year survey [Maddox], 223 (Jy)
experimental study efficacy of plastic adhesive in sealing pancreatic wounds [Cameron], 546 (Se)
inadequacies of present methods of surgical skin preparation [Cole], 215 (Jy)
postcholecystectomy Clostridium perfringens infection [Plimpton], 499 (Se)
respiratory insufficiency, use of tracheostomy and assisted ventilation [Neville], 149 (Jy)
suppurative parotitis [Lary], 653 (Oc)
thyroid crisis, 2 cases [Thompson], 512 (Se)

Proteases: See Trypsin

Pulmonary Embolism
acute, surgical management using cardiopulmonary by-pass [Cross], 159 (Jy)

Pulse
disappearance in stenoses of arteries of lower extremity [DeWeese], 806 (No)

Pump Oxygenation
tolerance of dogs to deep hypothermia controlled and maintained with a pump oxygenator [Lesage], 677 (Oc)

R

Radiochromate: See Chromium Isotopes

Radiography
importance of preoperative scout films for gastrointestinal foreign bodies [Burke], 933 (De)

Radioisotopes, Yttrium 90
effect on transplantable lung cancer in rats [Farpour], 942 (De)
for adjuvant cancer therapy [Ariel], 244 (Au)
microspheres in treatment experimental tumors [Blanchard], 406 (Au)

Rectal Neoplasms
carcinoma, surgical mortality and survival [Polk], 16 (Jy)
fluorouracil adjuvant chemotherapy [Nadler], 592 (Oc)
squamous metaplasia and papillomatosis [Polivy], 1077 (De)

Rectal Prolapse
one-stage perineal repair, twelve years experience [Altemeier], 6 (Jy)

Rectum
anomalies, development and classification [Pegum], 481 (Se)

Red Cells: See Erythrocyte Volume

Renal Artery Obstruction
uncommon and complicated cases, types of arterial restitution [Callow], 856 (No)

Replantation
extremity, treatment of "toxemia" with tromethamine [Mehl], 871 (No)

Respirators
use with tracheostomy in postsurgical respiratory insufficiency [Neville], 149 (Jy)

Respiratory Diseases
with gastroduodenal ulcers in children [Walker], 559 (Se)

Respiratory Insufficiency
postsurgical, use of tracheostomy and assisted ventilation [Neville], 149 (Jy)

Retroperitoneal Space
fibrous, two unusual cases [Leffall], 1070 (De)

S

Salmonella Enteritidis
experimental endotoxin shock, management [Smith], 630 (Oc)

Scalp Neoplasms
the treatment and rehabilitation of patients [Szujewski], 1063 (De)

Seborrheic Keratosis
giant seborrheic keratosis treated surgically, case [Wayne], 1116 (De)

Septicemia
Clostridium perfringens, unusual case [Canipe], 544 (Se)
hypothermia in bacteremic shock [Blair], 619 (Oc)

Shock
after long-loop strangulation obstruction [Barnett], 270 (Au)
relationship to trypsin release and kinin production in experimental and human pancreatitis [Silverstein], 322 (Au)
treatment by orthophasic postsystolic myocardial augmentation [Callaghan], 354 (Au)

Shock, Hemorrhagic
blood viscosity as determinant of regional blood flow [Schenk], 783 (No)
regional blood flow alterations, changes produced by vasoconstrictor and adrenergic blocking agent [Pollock], 344 (Au)
trimethaphan camsylate in [Hopkins], 365 (Au)

Shock, Surgical
dextran, low molecular weight, in therapy [Baker] part 1, 373 (Au); part 2, 379 (Au)

Shock, Toxic
hypothermia in bacteremic shock, 619 (Oc)
management of experimental endotoxin shock, 630 (Oc)

Silk Sutures: See Sutures

Skin
antisepsis, presurgical, evaluation of iodophor [Postlethwait], 462 (Se)
surgical preparation, inadequacies [Cole], 215 (Jy)

Smallpox
fascinating Lady Mary Wortley Montagu, early sponsor of smallpox inoculation [Strohl], 554 (Se)

Specialism
fragmentation [Harbison], 1 (Jy)

Sepermatic Cord
the inner cord-systematic approach to inguinal hernia [Mirov], 1016 (De)

Spleen
nonparasitic cysts, 14 cases [Qureshi], 570 (Se)

Spleen Wounds and Injuries
surgical trauma, splenectomy after [Peck], 54 (Jy)
topical adhesives, experimental repair [Wojnar], 237 (Au)

Splenectomy
after surgical trauma [Peck], 54 (Jy)

Splenic Rupture
occult [Lorimer], 434 (Se)

Staplers
vascular, comparison American and Russian [Takaro], 536 (Se)

Steinman Pin: See Fracture Fixation

Sternum
xiphoidectomy, bone formation in scars [Watkins], 731 (Oc)

Stomach
delayed emptying, early complication of gastrectomy [Gardner], 475 (Se)
experience with local gastric cooling [Cushman], 719 (Oc)
freezing, clinical evaluation [Kauvar], 985 (De)
giant gastric ulcer, and malignancy [Asbury], 488 (Se)
progress in gastric freezing [Goodale], 1060 (De)

Stomach, Gastric Juice Inhibition
duodenal, mechanism [Quintana], 585 (Oc)

Subclavian Artery
arterial injuries of the base of the neck [Pate], 1106 (De)

Surgery
fragmentation [Harbison], 1 (Jy)

Surgery, Preoperative
presurgical skin antisepsis, evaluation of iodophor [Postlethwait], 462 (Se)

Surgical Infection
antibiotic prophylaxis in open-heart operations [Holswade], 970 (De)

Surgical Wounds: See Injury, Surgical Wounds

Suture Technics
comparison American and Russian vascular staplers [Takaro], 536 (Se)

Sutures
influence of silk and synthetic (mersilene) sutures on bacterial infections in heart, experimental study [Niguidula], 669 (Oc)

Sympathectomy
and adrenalectomy for hypertension [Sellers], 880 (No)
in treatment of frostbite [Shumacker], 575 (Se)
lumbar, evaluation in advanced occlusive arterial disease [Haimovici], 1089 (De)

T

Teflon
synthetic inferior vena cava grafts [Stansel], 1096 (De)

THAM: See Tris (Hydroxymethyl) Aminomethane

Thrombophlebitis
prevention in replacement of deep veins of leg, experimental studies [Baird], 797 (No)

Thyroid Crisis
2 cases [Thompson], 512 (Se)

Thyroid Gland
homotransplantation by vascular anastomosis, effect of immunosuppressive drugs [Fisher], 65 (Jy)

Tibial Artery
reconstructive procedures in advanced ischemia [Harrison], 817 (No)

Tracheostomy
and assisted ventilation in postsurgical respiratory insufficiency [Neville], 149 (Jy)

Transplantation: See also Kidney Transplantation
fate of aortic homografts in canine atherosclerosis [Haimovici], 961 (De)
heart transplantation in rat, technique for [Abbott], 645 (Oc)
of heart, alterations in morphology [Cooper], 915 (No)
osteogenesis in lumbar fascia induced by bladder epithelium grafts [Anspach], 446 (Se)
studies of devitalized bone implants [Freiberg], 417 (Se)
thyroparathyroid homotransplantation by vascular anastomosis, effect of immunosuppressive drugs [Fisher], 65 (Jy)
venous autografts in femoropopliteal arterioplasty [Szilagyi], 113 (Jy)

Trasylol
trypsin inhibitor, effect in acute hemorrhagic pancreatitis in dogs [Kelly], 317 (Au)

Trauma: See Injury, Chest Injury

Trimethaphan
camsylate, in hemorrhagic shock [Hopkins], 365 (Au)

Tromethamine: See Tris (Hydroxymethyl) Aminomethane

Trypsin
release, kinin production and shock in experimental and human pancreatitis [Silverstein], 322 (Au)

Trypsin Inhibitors
trasylol in acute hemorrhagic pancreatitis in dogs [Kelly], 317 (Au)

Tuberculosis, Gastrointestinal
diagnosis, therapy, review of 15 cases [Abrams], 282 (Au)

U

Ulcer
healing produced by cartilage preparations [Prudden], 1046 (De)

Urea
changes in gastric secretion induced by urea infusions and nephrectomy [Fishbein], 273 (Au)

Ureters
retroperitoneal fibrosis, two unusual cases [Leffall], 1070 (De)

V

Vaccines
immunologic response to autologous cancer vaccine [Aswaq], 485 (Se)

Vagus Nerve
high vagotomy, effects on motility of canine esophagus [Manzano], 1005 (De)
vagectomy and distal antrectomy, results in chronic, hemorrhaging duodenal ulcer [Palumbo], 637 (Oc)

Vascular Surgery: See also under names of arteries and veins
comparison American and Russian staplers [Takaro], 536 (Se)
long-term comparison of vein patch with direct suture in arterial anastomosis [Norton], 1083 (De)

Vasoactive Agents
circulatory effects of levarterenol, hydrocortisone and phenoxybenzamine hydrochloride in management experimental endotoxic shock [Smith], 630 (Oc)
isolated perfused bovine liver, responses to common vasoactive drugs [Condon], 602 (Oc)

Vater's Ampulla
carcinoma, pancreatoduodenectomy in [Buckwalter], 331 (Au)

Vena Cava
catheter modifications for open-heart surgery [Grismer], 1111 (De)
synthetic grafts, influence of increased flow [Stansel], 1096 (De)

W

Wound Healing
produced by cartilage preparations [Prudden], 1046 (De)

Wound Infection
inadequacies of present methods of surgical skin preparation [Cole], 215 (Jy)

X

Xiphoid Bone: See Sternum